

Project Title: Lower Butte Creek Project, Phase II -Butte Sink

Contract No: 99-FC-20-0055

CALFED No. 99-B02

POC: Olen Zirkle

CALFED Recommended Level of Funding:	\$775,000
Funds Obligated Through September 30, 1999	\$750,000
Funds Expended Through June 30, 2000:	\$ 73,860

Funding provided to: USBR agreement signed with Ducks Unlimited, Inc. on September 1, 1999

Project Description: Improved fish passage through the Butte Sink and its associated water control structures is expected to improve the long-term sustainability of natural production of anadromous fish populations, in particular spring-run chinook salmon and steelhead. Maintaining the viability of associated managed wetlands and agriculture will also benefits numerous other species.

Phase I of the Lower Butte Creek Project, completed June 30, 1998, was designed as a **Agrassroots@** effort to bring all interested stakeholders together in a public forum to address the diverse issues surrounding the use of Lower Butte Creek water. The result of this effort was an **Aexisting conditions report@**that detailed the water control structures located in the study area and listed alternatives to improve fish passage at each control structure site.

Phase II of the Lower Butte Creek Project is the logical progression of work to improve fish passage through the Butte Sink and its associated water control structures. This will involve working with stakeholder groups to select a preferred alternative at each of four sites, resulting in preliminary design of major structural modifications and final design for upgrading the fish passage for Butte Sink. Public scoping will include a review of the fisheries impacts associated with the recommendations prepared by the engineers to correct fish entrainment problems associated with periodic area flooding and resulting receding water. A cooperative agreement between the Butte Sink clubs will be prepared to assist the clubs in the management of flood-up water for the benefit of fish, waterfowl and other species.

Completion Date: June 30, 2001

Third Quarter Accomplishments:

Project Management:

- Kept stakeholders, resource agencies, funding agencies and interested parties updated as to on-going actions.
- Met with U.S. Fish and Wildlife Service, California Department of Fish and Game and Bureau of Reclamation to discuss selection of Lead Agency. Decision of the group was to request that Bureau of Reclamation serve in that capacity. A letter from the Bureau accepting the responsibility was received on June 6. Buford Holt will serve as the officer.

- Coordinated actions of consultants to insure project budget requirements, timelines and deliverables are being met.
- Held meetings to coordinate threatened and endangered species consultations for projects
- Conducted Funding Agency Executive Tour of the project sites. The tour was attended by senior staff representatives from U.S. Fish and Wildlife Service, Bureau of Reclamation, California Department of Fish and Game, California Department of Water Resources and National Marine Fisheries Service.

Structural Modifications -Engineering/Environmental Compliance/Permitting:

- Borcalli and Associates (B&A) and their subcontractors conducted access investigations, site surveying, and geophysical investigations at the North Weir, End Weir, Morton Weir Complex, Driver's Cut Outfall and Tarke Outfall as per contract with DU and CWA. B&A engineers met with landowners and potential operators of these structures to discuss operational considerations for design and construction. Meeting notes were produced and distributed; copies are available for review.
- Ensign & Buckley Consulting Engineers (EB) met with stakeholders and regulatory agencies regarding fish passage and fish screen hydraulic design for the White Mallard Dam and associated diversions.(April 4, June 21) EB prepared topographic survey requests for project sites and conducted preliminary design work for the proposed structures. Subconsultant ECorp conducted Section 106 compliance documentation, Native American Consultation, and began work on CEQA/NEPA Initial Study/Environmental Assessment for White Mallard Dam.
- Montgomery Watson developed additional hydrology and geotechnical information on the Sutter Bypass Weir #1 project area. The stakeholders are still concerned that removal of Weir #1 will result in the de-watering of their adjoining rice fields. Technical data is being analyzed and maps prepared for July meeting with stakeholders and agencies to discuss a final solution. Preliminary indications support a much smaller structure at the site rather than complete removal.

Cooperative Agreement/Fish Passage Issues:

- CWA contracted with Jones & Stokes environmental consultants to develop the Butte Sink Cooperative Agreement (Cooperative Management Plan). The consultants conducted an internal kick-off team meeting on March 14, 2000 and a facilitation/planning meeting with CWA, stakeholder representatives and team firms on March 30, 2000. They conducted a project kick-off meeting with Butte Sink Stakeholders on April 29, 2000 to present the scope, goals, and schedule of the project to the wetland owners and operators. During May, five informational Management Group meetings were held to gather detailed information about wetland management on each property and to discuss attendant fish passage issues. Meeting minutes were taken and are available. This information will be condensed and included in the *Preliminary Draft Management Plan* due to be circulated to the stakeholders by the middle of July.

CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
USBR INDIVIDUAL PROJECT PROGRESS REPORT

As of: 6/30/00

Agency: Placer County Water Agency

Proposal/Description: Duncan/Long Canyon Paired Watershed Project

Funds Provided: 83,600 100 % of the Total Funds Provided

Funds Obligated: 83,600 100 % of the Total Funds Provided

Funds Expended:

Labor: 0

Contracts (AE): 4,844.50

Contracts (Const): 0

Overhead: 0

Other: 0

Physical progress during the quarter/Accomplishments: All work accomplished this quarter have been for Task 1. The relevant background hydrologic data available for the two watersheds have been acquired: In addition in the watersheds, flows at the two in-basin gages have been verified with independent flow measurements, on-site spring season synoptic gaging has been undertaken, two time-sequenced aerial photo flights have been conducted to acquire information on snowmelt patterns, and the PRMS model has been aquired and tested. Regional climatic data has been aquired, evaluated, and prepared for application in the PRMS and the snowmelt patterns for 2000 have been evaluated for the purposes of hydrologic modeling and interpretation. A kick-off meeting has been held with the main participants of the study and the major landowner of the Long Canyon watershed to discuss goals,objectives, and long-term applications of study results. Meetings have been held with the Eldorado National Forest watershed staff and Georgetown Ranger District silvicultural staff to review methodological approaches, key watershed issues for USFS land management and planning decisions, the avaiability and status of relevent natural process data through the USFS, and the process, approach, and avaiability of District staff to assist in the development of several disturbance layers for watershed hydrology evaluation steps. Using existing regional data the geology and

-

the general geomorphological processes of the two watersheds have been reviewed in preparation for developing the HRUs once the USFS GIS system becomes available for use in conjunction with the NF/MF American River Watershed Plan and Stewardship Program watershed assessment effort.

Physical 10 % Complete

Comments: Progress has been held up in this quarter waiting the initiation of the NF/MF American River watershed GIS work by the USFS which was intended to be the basis for developing the HRUs of the two study watersheds. It appears that the NF/MF American River watershed assessment work will be initiated in the second week of July which should facilitate a speedy schedule recovery for the paired watershed study during the second quarter.

CALFED Quarterly Report

Duncan/Long Canyon Paired Watershed Project

Applicant: Placer County Water Agency

CALFED Project Number: 99-B15

USBR Contract: 00FC200013

Budget Year: 2000
Statement Quarter: 1

Total Estimated Cost of Project:	\$105,600
Funding by Federal Bay-Delta Account	\$83,600
Funding by U.S. Forest Service	\$8,000
In-kind Services: Placer County Water Agency	\$10,000
In-kind Services: National Resources Conservation Service	\$2,000
In-kind Services: Placer County Resource Conservation District	\$2,000

Total Project Estimated Completion Date: 1.25 years

Task Description		Quarterly Budget				Total Budget			
		Budget	Accrued Expenditures	Variance	**	Budget	Accrued Expenditures	Remaining Balance	**
Task 1	Precipitation-Runoff Modeling System setup Percent Work Complete For Task 1: 10%	\$27,250.00	\$4,844.50	\$22,405.50		\$45,420.00	\$4,844.50	\$40,575.50	
Task 2	Develop GIS framework Percent Work Complete For Task 2: 0%	\$0.00	\$0.00	\$0.00		\$2,080.00	\$0.00	\$2,080.00	
Task 3	Develop land use disturbance and watershed condition chrono-sequence Percent Work Complete For Task 3: 0%	\$0.00	\$0.00	\$0.00		\$9,120.00	\$0.00	\$9,120.00	
Task 4	Run Precipitation-Runoff Modeling System Percent Work Complete For Task 4: 0%	\$0.00	\$0.00	\$0.00		\$13,540.00	\$0.00	\$13,540.00	
Task 5	Develop project report Percent Work Complete For Task 5: 0%	\$0.00	\$0.00	\$0.00		\$13,440.00	\$0.00	\$13,440.00	
Project Total:		\$27,250.00	\$4,844.50	\$22,405.50		\$83,600.00	\$4,844.50	\$78,755.50	

** Explanation of Variance in Budget:

Quarterly Programmatic Report

Program Manager Cheryl Lovato Niles Phone 415-778-0999
 Project Manager Sharon Paquin-Gilmore
 CALFED Project # 98E-06
 Quarter Ending June 30, 2000

Deliverables			
Name of <u>Deliverable</u>	Due <u>Date</u>	% of Work <u>Complete</u>	Date <u>Deliverable Complete</u>
<u>Task 1 Implement Watershed Strategy</u>			
1.1 Brochure	10/99-10/00	50%	12/99
Festival Report	10/99-10/00		12/99
1.2 BCWC Newsletter	12/99-9/01	33.2%	6/13/00
1.3 Public teacher workshops	12/99-4/01	33.3%	
Handouts			6/30/00
Workshop sign-ups	12/99-4/01		6/30/00
1.4 Training Materials	1/00-9/01	20%	6/30/00
Sign-up sheets	1/00-9/01		
1.5 Community Meetings	7/00	66.6%	
Handouts			6/30/00
Sign-up sheets	7/00		6/30/00

Task 2 Upper Watershed Processes

2.2 Upslope workshop roster	2/00		
2.2 Attendance sheets	2/00		
2.2 Principal meeting	2/00	20%	4/6/00
2.2 Workshop handouts	2/00		
2.3 Ranch Analysis and Stream Improvement Plan	9/00		

Task 3 Fire Defense Improvements

3.1, 3.2 Draft subcontracts	12/99-2/00	100%	4/6/00
3.1, 3.2 Draft and Final Vegetation Management Plans (5 private Land, 1 Lassen Nat'l Forest)	2/01-4/01	50%	6/30/00

Page Two
BCWC Programmatic Report

<u>Name of Deliverable</u>	<u>Due Date</u>	<u>% of Work Complete</u>	<u>Date Deliverable Complete</u>
<u>Task 4 Conservation Easements</u>			
4.1 Priority Plan	9/99	10%	
4.2 Progress Report	9/99-4/01	20%	6/30/00
4.3 Property-specific plans	10/00		
4.4 Copies of easements (optional)	04/01		

Task 5 Noxious Weed Control
Deliverables to be determined

Page Three

BCWC Programmatic Report

Narrative:

Task 1:

- 1.2 BCWC Newsletter: The April edition of the BCWC News included an insert encouraging newsletter readers to support the Conservancy with membership. As a result of this membership drive, the Conservancy now boasts 97 members.
- 1.3 In-the-Field Workshop for Public School Teachers & Students: BCWC Coordinator, Sharon Paquin-Gilmore organized and led a field trip to Battle Creek with Manton and Mineral School teachers and students. Representatives from U.S. Fish and Wildlife Service, California Fish and Game, and Sierra Pacific Industries participated in the field trip by leading the group in a variety of workshops which focused on the Battle Creek watershed. For specific details, please see report titled, "Battle Creek Field Trip" included with deliverables.

BCWC Public School Awards Ceremony: On June 6, 2000 BCWC and California Department of Fish and Game, represented by Harry Rectenwald, cosponsored an awards ceremony honoring Manton and Mineral students who participated in the "River of Words" project during the 1999-2000 school year. Mr. Rectenwald gave a presentation on the purpose of Fish and Game in the Battle Creek watershed and answered students' questions about CFG and the salmon restoration project. Students from each class read poems they'd written about the watershed, and all students received certificates of appreciation (see deliverables).

- 1.5 Community Meetings: The Battle Creek Watershed Conservancy sponsored a public scoping meeting given by the Bureau of Reclamation at the Manton School on June 20, 2000. Approximately 35 people attended. For specific details, please see the report titled, "BCWC Hosts Public Meeting re: Coleman National Fish Hatchery" included with the deliverables.

Task 2

- 2.1 BCWC upper watershed processes work group: On April 6, 2000 representatives of the BCWC Upper Watershed Group spoke at the Battle Creek Working Group meeting on various aspects of the upper watershed processes and projects. See deliverables for copy of meeting agenda.

- 2.2 Principal Meeting: A meeting of the BC Upper Watershed Group is being planned for August in Shingletown, a key part of the Battle Creek upper watershed.

Page Four
BCWC Programmatic Report

Task 3

- 3.1 Subcontract with Tehama County Fire Department: BCWC subcontract with the Tehama County Fire Department to implement a five-mile shaded fuel break along Hazen Road in Manton was approved and signed in April. This area has been identified as a critical fire defense area, and the fuel break, which will encompass 100 ft. on both sides of the road, will effect 21 parcels/landowners. At this point 19 landowners have signed agreements with the fire department authorizing the work on their property. Work began in April and is scheduled for completion in the fall, after the fire season is over.
- 3.2 Subcontract with US Forest Service: BCWC has signed a subcontract with the Lassen National Forest to create a fuels management plan for Lassen National Forest lands in the Battle Creek Watershed. Work is scheduled to begin this summer. Contract is included with deliverables.

Task 4

- 4.1 Identify the watershed protection priorities to be served by conservation easements: BCWC Coordinator has met with Peggy McNutt of the Nature Conservancy several times to discuss and create a list of watershed protection priorities to be served by conservation easements. List is in process.
- 4.2 Identify individual landowners interested in investigating the potential for developing conservation easements: BCWC held its annual public meeting on April 25, 2000. The featured speaker was Dusty DeBraga, manager of the Denny Ranch. He discussed the ranch and its recent conservation easement acquisition by the Nature Conservancy. Based upon the questions and discussion that followed DeBraga's talk, there was considerable interest among local landowners regarding conservation easements.
- Paquin-Gilmore was contacted after the meeting by a local rancher with property along Battle Creek who expressed an interest in discussing the specific details concerning a conservation easement. There have been two meetings with this landowner, Paquin-Gilmore, and Peggy McNutt of the Nature Conservancy. Negotiations are underway.

Quarterly Programmatic Report

Program Manager	Gillian Harris	Phone	415-778-0999
Project Manager	Sandra Guldman		
CALFED Project #	98-E07		
Quarter Ending	June 30, 2000		

Deliverables

<i>Name of Deliverable</i>	<i>Due Date</i>	<i>% of Work Complete</i>	<i>Date Complete</i>
Task 1B			
Habitat Typing	complete	100%	12/7/99
Data sheets distributed	1/25/2000		
Task 1C			
Fish Population Surveys	complete	100%	12/7/99
Data sheets distributed	1/25/2000		
Task 1D			
Thermographs	complete	100%	12/7/99
Data sheets distributed	1/25/2000		
Task 1G			
Analysis and Reporting			
Draft Report	3/15/2000	100%	3/20/00
Final Report	7/30/2000	95%	

Narrative

The following tasks were accomplished in the quarter ending 6/30/00:

During this period the document was reviewed by representatives of the Bureau of Reclamation, National Marine Fisheries Service, Marin Municipal Water District, and various local groups serving on the Watershed Planning Advisory Committee. The Advisory Committee met on 5/8/00 to hear a presentation by Alice A. Rich about the report and to ask questions. The Technical Subcommittee of the Advisory Committee met on 5/23/00 to discuss rewriting Chapter 9, the framework plan for improving conditions for steelhead.

No invoices were submitted during this quarter. We will submit the last invoice when the final report has been submitted in late July 2000.

Quarterly Fiscal Report

Project Title: Local Watershed Stewardship: Steelhead Trout Plan, Corte Madera Creek Watershed, Marin County, California

Applicant: Friends of Corte Madera Creek Watershed

CALFED Project Number: 98-E07

Budget Year: 2000
Statement Quarter: 3

Total Estimated Cost of Project: \$ 47,500
CALFED/EPA Grant funds 47,500
Non-CALFED/EPA funds 5,000
Contributed goods & services 40,000

Schedule 18 months
Estimated Completion Date 8/31/00

CALFED/EPA Quarterly Budget					Annual Budget FY 2000			Total Budget		
					Budget	Accrued Expenditures	Remaining Balance	Budget	Accrued Expenditures	Balance to Complete
Task 1	Percent work completed: 89%									
1A Literature Search	-	-	-		100.00	100.00	-	4,100.00	4,100.00	-
1B Habitat Typing	-	-	-		100.00	100.00	-	6,100.00	6,100.00	-
1C Fish Population Survey	-	-	-		73.74	73.74	-	10,100.00	10,100.00	-
1D Thermographs	-	-	-		471.96	471.96	-	2,500.00	2,500.00	-
1E Restoration Plan	-	-	-		8,500.00	6,900.00	1,600.00	8,500.00	6,900.00	1,600.00
1F Monitoring Plan	-	-	-		4,700.00	2,750.00	1,950.00	4,700.00	2,750.00	1,950.00
1G Analysis and Reporting	-	-	-		10,100.00	8,770.00	1,330.00	10,100.00	8,770.00	1,330.00
Subtotal Task 1	-	-	-		24,045.70	19,165.70	4,880.00	46,100.00	41,220.00	4,880.00
Task 2	Percent work completed: 76%									
2A Project Management	-	-	-		369.43	303.57	65.86	400.00	334.14	65.86
2B Final Plan Production	-	-	-		1,000.00	-	1,000.00	1,000.00	-	1,000.00
Subtotal Task 2	-	-	-		1,369.43	303.57	1,065.86	1,400.00	334.14	1,065.86
Total					\$ -	\$ -	\$ -	#####	#####	\$5,945.86
					\$ 47,500.00	\$ 41,554.14	\$ 5,945.86			

** Explanation of Variance

QUARTERLY PROGRAMMATIC REPORT

Program Manager

Gillian Harris

Phone

415-778-0999

Project Manager

Jennifer Vick

CALFED Project #

98E-09

Quarter Ending

June 30, 2000

DELIVERABLES

TASK #	NAME OF DELIVERABLE	DUE DATE	% COM-PLETED	DATE COM-PLETED
1	<ul style="list-style-type: none"> • TAC and Stakeholder Group missions and goals statements • meeting agendas and minutes • field trip reports 	due quarterly	90	ongoing through 7/00
2	<ul style="list-style-type: none"> • draft technical memo of social, institutional, and infrastructural opportunities and constraints • maps pertinent to the analyses 	Sept. 1999	100	5/15/00
3	<ul style="list-style-type: none"> • draft QAPP/Monitoring Plan • final QAPP/Monitoring Plan 	July 1999	100	10/9/99
4	<ul style="list-style-type: none"> • draft technical memo summarizing riparian assessment • one bound hard copy of draft riparian vegetation map • GIS files of river boundary and riparian vegetation coverages 	June 2000	90	ongoing through 7/00
5	<ul style="list-style-type: none"> • draft technical memo that summarizes field work completed and describes the results of hydrologic and geomorphic analyses • plots of all surveys completed • electronic files of floodplain width GIS coverage 	June 2000	90	ongoing through 7/00
6	<ul style="list-style-type: none"> • meeting minutes from CDFG/MID/Stillwater Sciences meetings. • draft summary memo commenting on CDFG/MID study results • meeting minutes from CDFG/CDWR/Stillwater Sciences meetings • letters of comment on proposed restoration designs 	due quarterly	100	ongoing through 7/00
7	<ul style="list-style-type: none"> • annotated draft technical memos and meeting notes documenting Scientific Advisory Team comments on approaches and methods 	due quarterly	15	ongoing through 7/00
8	<ul style="list-style-type: none"> • workshop agenda • workshop sign-in sheet • workshop handouts 	Sept. 2000	1	
9	<ul style="list-style-type: none"> • draft report synthesizing completed tasks 1-8 of the Work Plan • final report incorporating draft review comments by NFWF 	Sept. 2000	5	

NARRATIVE

During the Third Quarter of FY 2000, the Merced River Corridor Restoration Project Team continued work on the baseline environmental studies (including completing all remaining field work); completed the social, institutional, and infrastructural opportunities and constraints report and distributed the report to the Stakeholder Group and TAC; conducted one Stakeholder Group meeting; and continued outreach to individual stakeholders and other Merced River restoration efforts.

Task 1 activities include the following:

The Merced River Stakeholder Group met once, on May 15. At this meeting, the Landowner Group presented an update of its recent meetings and the Project Team presented the Task 2 report and a schedule for upcoming technical reports and workshops.

In addition to the Stakeholder Group meetings, Project Team members continued meeting with individual landowners to receive feedback on draft maps and analyses. For example, Jennifer Vick met with Art Hardin, Chris Robinson, and Ray Gene Veldhuis on June 21 in Snelling to review maps and aerial photography, discuss the Task 2 report, and plan future coordination. In addition, Jennifer is in regular (more than weekly) contact via phone and email with the lead representatives of the Merced River Landowners' Group.

The Task 2 report was distributed to the Stakeholder Group at the May 15 meeting. Debra Bishop, of EDAW, also presented the report to the group. Stakeholders are currently reviewing the report, and some have provided comments. Stakeholder input to the report will be the main agenda item for the July 10 Stakeholder meeting.

All field work has been completed for Tasks 4 and 5. In June, Stillwater and McBain and Trush staff boated the river from Shaffer Bridge to Hatfield Park and completed mapping of key geomorphic and riparian attributes of this reach. Also during June, Stillwater and McBain and Trush staff completed field verification of the riparian vegetation GIS and recovered marked rocks deployed for sediment transport experiments. The riparian vegetation (Task 4) report is currently undergoing internal review and will be peer reviewed in July. The geomorphology (Task 5) report will be completed in July and peer reviewed in August.

As part of Task 6, Project Team members continued coordination efforts with various agencies and groups conducting research and restoration activities in the Merced River corridor. Stillwater is currently coordinating with CDWR to provide sediment transport modeling for an upcoming gravel augmentation project.

In addition to progress on this grant, Stillwater has obtained funding to construct a reach-scale sediment transport model to aid in restoration planning and design. The Merced River will be used as a test case

for this modeling effort. Funding includes additional field work, model development, completion of demonstration runs, and report preparation. This project is being coordinated with CDWR to provide support to their restoration efforts in the Merced River.

Quarterly Programmatic Report

Program Manager Gillian Harris Phone 415-778-0999
 Project Manager Ray Patton
 Prepared By Marilyn Murphy
 CALFED Project # 98E10
 Quarter Ending June 30, 2000

Deliverables				
	Name of Deliverable	Due Date	% of Work Complete	Date Deliverable Complete
Task 1				
1.1	MOA	Jan '99	100%	March '99
1.2	Final Workplan	April '99	100%	April '99
1.3	Final Contract With CalFed	May '99	100%	May '99
Task 2				
2.1	Recreation Committee	March '99	100%	April '99
	Establish MOU with Recreation Committee	May '99	100%	
2.2	Recreation Committee Meeting Schedule	May '99	100%	December '99
2.3	Public Stakeholder Meetings	May '99 – Jan 02	0%	
Task 3				
3.1	Administer Grant	April 2002	3%	
3.2	Contract with Project Manager (P.M.)	June '99	100%	
3.3	P.M. Project Management	Jan 2002	30%	
3.4	P.M. Develop Sampling Program	May 2000	100%	
3.5	P.M. I.D. Locations Gather rec. data	May 2000	100%	
3.6	Water Quality Protocol	June 2000	0%	
3.7	Assist in Field Collection	Oct 2001	20%	
3.8	Develop Water Quality Program	June 2000	0%	
3.9	Private Property Survey	April 2001	50%	
3.10	Data Compilation	Dec 2001	0%	
3.11	Data Evaluation Draft Report	Dec 2001	0%	

Task 4

4.2	Compile Existing Data	June 2000	10%
4.3	Initial Scoping Process	May 2000	100%
4.4	conduct pre-sampling	May 2000	100%
4.5	Finalize Survey Instruments	May 2000	100%

Task 5

	Hire Survey Manager	April 2000	100%
	Hire Survey Takers	April 2000	100%
5.1	Field Survey Oversight	Oct 2001	16%
5.2	Conduct Field Survey	Oct 2001	12%
5.3	Rent Vehicles for Survey Crews	April 2000	75%
5.4	Trail Counters	March 2000	100%
5.5	Communications	May 2000	50%
5.6	Staff Support and Supplies	Oct 2001	32%

Narrative

This quarter we had three meetings between the Agencies, Project Manager and Survey Manager. Additional meetings have been held between State Park Staff and the Survey Manager. The Survey Manager and 2 Survey Takers were trained and began gathering data in the field on May 5, 2000. They are each working 40 hours a week gathering field data. A total of ten trail counters are being read at the 1st of each month. The following is a summary of the 3rd quarter's matching time:

- The agencies have met with the Project Manager and Survey Manager to finalize the Survey Instruments.
- Park staff members have assisted in the field surveys
- Vehicles have been rented
- An Office has been set up for the Survey Manager and Survey Takers
- Survey Manager and Survey Takers have been trained
- The Project Manager contract was approved by General Services
- A field schedule has been set up through the end of September
- A Data Management Plan is being established

The survey instruments have been established. The Survey Takers have been trained and have been collecting data since May 5, 2000. A field schedule has been written through the end of September. The Project Manager, Survey Manager and State Park staff have been meeting regularly to evaluate the

data collection progress and make changes where needed.

Attached is the budget breakdown that was submitted with the last quarterly report. This change is due to State Parks conducting the survey themselves instead of contracting it out. The Project Manager has also taken on some of the survey tasks. The State Park Accounting Section has not received all the expenditures as indicated on the Fiscal Report, therefore they have not all been billed to you.

DRAFT QUARTERLY PROGRAMMATIC REPORT

Program Manager Spencer Shepard Phone 415-778-0999 ext. 24

Project Manager Judy Boshoven (Ms. Boshoven is currently on maternity leave. This report prepared and submitted by Jeanne Wirka, the project restoration ecologist and acting project manager.

CALFED Project # 98E-13

Quarter Ending July 10, 2000

DELIVERABLES [This table needs to be reviewed by Judy Boshoven]

Task	Name of Deliverable	Due Date	% of Work Complete	Date Deliverable Complete
Subtask 1: Program management	Work Plan	Spring 1999	100%	Final submitted to NFWF 5/99
	Task Order	Spring 99	100%	Final submitted to NFWF 6/99
	Quarterly progress reports	End of each quarter for 3-year program	33%	Fourth report submitted to NFWF 7/2000
	Letter reports on cost share opportunities	Ongoing for 3-year program	30%	First report submitted to NFWF 8/99.
	World Wide Web home page materials	Ongoing for 3-year program	2%	
Subtask 2: Landowner training workshops	Agendas, sign-in sheet and training materials from training workshops	Ongoing for 3-year program	50%	
Subtask 3. Upper watershed riparian restoration	Draft and final implementation plan	Fall 1999	80%	
	QAPP and Monitoring Plan	Fall 1999	100%	Draft plan submitted to NFWF 9/99. Final approval granted May 22, 2000.
	Photographic documentation of project implementation	Ongoing for 3-year program	30%	
Subtask 4. Upper watershed rangeland restoration	Draft and final implementation plan	Summer 1999	90%	Draft plan submitted to NFWF 9/99
	QAPP and Monitoring Plan	Summer 1999	100%	Draft plan submitted to NFWF 9/99. Final approval granted May 22, 2000.
	Photographic documentation of project implementation	Ongoing for 3-year program	30%	
Subtask 5. Construction of tailwater ponds	Draft and final implementation plan	Fall 1999	90%	Draft plan submitted to NFWF 9/99
	QAPP and Monitoring Plan	Fall 1999	100%	Draft plan submitted to NFWF 9/99. Final approval granted May 22, 2000.
	Photographic documentation of project implementation	Ongoing for 3-year program	20%	
Subtask 6. Revegetation of irrigation canals and drainage ditches	Draft and final implementation plan	Fall 1999	90%	Draft plan submitted to NFWF 9/99

	QAPP and Monitoring Plan	Fall 1999	100%	Draft plan submitted to NFWF 9/99. Final approval granted May 22, 2000.
	Photographic documentation of project implementation	Ongoing for 3-year program	20%	
Subtask 7. Lower watershed riparian restoration project	Draft and final implementation plan	Fall 2000	80%	
	QAPP and Monitoring Plan	Fall 2000	100%	Draft plan submitted to NFWF 9/99. Final approval granted May 22, 2000.
	Photographic documentation of project implementation	Ongoing for 3-year program	0%	

NARRATIVE

1. Description of activities performed during the quarter, by task.

Subtask 1. Program management

- Prepared and submitted Invoices #8 and #9. [check with Judy]
- Prepared Quarterly Report #4.
- Held various meetings with numerous Technical Advisory Committee members to discuss the program, including:
Jack Alderson, NRCS engineer, Colusa Service Center
Mark Cocke, Civil Engineer, Watershed Planning Services NRCS State Office
Phil Hogan, District conservationist, NRCS Woodland Service Center
Richard King, Range conservationist, Petaluma NRCS office.
Scott Kuhn, Battalion Chief, California Department of Forestry and Fire Protection
Leonard Jolley, State Range Ecologist, NRCS State Office
Jae Lee, Soil Conservationist, NRCS Woodland Service Center
Craig Stowers, Wildlife Biologist, Department of Fish and Game
Robin Wills, Regional Fire Ecologist, The Nature Conservancy
- Attended National Audubon Society convention at Asilomar; made presentation on USS program..
- Prepared and submitted proposal to CALFED to secure ongoing program funding for an expanded Willow Slough Rangeland Stewardship program. Included are 5 extensive research subcontracts that will significantly bolster USS monitoring efforts.
- Prepared and submitted subcontract proposal with Michigan State University's Basic Science Remote Imaging Initiative to USDA to develop watershed monitoring program using remote sensing.
- Attended monthly Yolo County Resource Conservation District (Yolo RCD) Board meetings.
- Held various meetings with the Yolo RCD and the Environmental Defense Fund to discuss possibility to offer landowners who restore wildlife habitat on their properties "Safe Harbor" protection under the Federal and state endangered species acts.

Subtask 2. Landowner training workshops

- Held follow-up planning meeting for workshop, cosponsored by the Natural Resources Conservation Service and U.C. Cooperative Extension, on sustainable grazing practices. Workshop tentatively scheduled for October 2000.

Subtask 3. Upper watershed riparian restoration

- Finalizing draft implementation plan for project for NFWF review.
- Worked with NRCS to finalize cost-share proposal under Environmental Quality Incentives Program (EQIP).

Submitted June 22, 2000.

- Burned blackline for planned riparian burn (note: full burn did not take place as scheduled this spring, see problems and delay, below)
- Ongoing monitoring and irrigation of initial planting sites

Subtask 4. Upper watershed rangeland restoration

- Attended “Basic 32” prescribed fire training course to receive certification equivalent of agency “red card.”
- Prepared plans for 7 prescribed burn units on four properties.
- Completed 5 out of 7 burn units equally approximately 250 acres.
- Initiated vegetation monitoring, photographic monitoring, and erosion monitoring at sites burn this Spring.
- Continued vegetation, photographic and erosion monitoring at 1999 burn sites.

Subtask 5. Construction of tailwater ponds

- Completed planting and irrigation installation at Rominger tailwater pond.
- Ongoing weed control and photo-monitoring of Rominger pond site.
- Developing detailed tailwater pond plans with two additional landowners (David Batchellor and Nick and Louise Charles)
- Identifying other interested and eligible landowners for tailwater ponds through survey responses.

Subtask 6. Revegetation of irrigation canals and drainage ditches

- Conducted ongoing weed control, monitoring, and irrigation of Rominger canal site.

Subtask 7. Lower watershed riparian restoration project

- Coordinated with participating landowner (Helen Frederick's via her son Dave) on project implementation plan.
- Coordinated with the landowner, local flood control agency, construction subcontractor, and NRCS engineer concerning construction plans for project.
- Sent revised project description to the Department of Fish and Game on April 20. DFG files Neg. Dec. and Notice of Completion with State Clearinghouse per CEQA requirements.
- Coordinated nesting bird survey and Swainson's Hawk nest monitoring with Department of Fish and Game
- Coordinated with landowner and NRCS regarding cost share funding through EQIP.
- Coordinated with landowner and NRCS engineer Marke Cocke to scale back project.
- Obtained bid from contractor for construction work
- Terminated project with Helen and Dave Fredericks (see problems and delays, below).
- Coordinated with landowners (Michele and Jonathon Defty) to design slough restoration plan and seek cost-share funding through NRCS and USFWS.
- Identifying other interested and eligible landowners for slough revegetation through survey responses.

2. Problems and delays encountered by task.

Subtask 7.

The major setback this quarter was the termination of a 1/2 mile riparian restoration as part of Subtask 7 on property owned by Helen Fredericks. Audubon felt that termination was the only option after receiving a letter from the Fredericks' expressing dissatisfaction with the project. The letter came as a surprise to staff who have been working closely with the Fredericks for a year on project planning, hydrological analysis, careful design, extensive permitting and several revisions of the implementation plan to meet the Fredericks' concerns. Our decision was communicated in writing to the Fredericks in late June. Staff are currently establishing alternative project sites.

Subtask 4.

Implementation of prescribed burning under subtask 4 met with several difficulties: Late rains delayed the burn season. The California Department of Forestry and Fire Protection (CDF) notified us that they couldn't assist with prescribed burns until July, a date too late to be useful for weed control. Furthermore, a federal moratorium on prescribed burning due to problems in Los Alamos, NM reduced our pool of burn cooperators. Our planned burn in the upper watershed riparian area was called off due to resource concerns (a recent wildfire in the area made CDF – response problematic in the likelihood of an escape). Nevertheless, we completed 5 out of 7 of the planned burns successfully.

Subtask 1.

Some delays in administration and project management have occurred during this quarter as Project Manager Judy Boshoven went on maternity leave on May 21. However, we have hired part-time temporary assistance with field work so that the project's restoration ecologist, Jeanne Wirka, can cover many of Judy's responsibilities.

3. Other issues or comments.

No other issues or comments to date.

**Quarterly Programmatic Report
2 Quarter 2000**

Program Manager Gillian Harris Phone 415-778-0999
 Project Manager Catherine McCarthy
 CALFED Project # 98E- 16
 Quarter Ending June 30, 2000

<u>Name of Deliverable</u>		<u>Due Date</u>	<u>% of Work Complete</u>	<u>Date Deliverable Complete</u>
Subtask 1. Project Management and Administration				
Project Management and Administration		3Q2001	10%	3Q2001
Subcontract with City of Winters		3Q2001	10%	3Q2001
Subtask 2 Implementation of Pilot Projects Along Putah Creek				
Subtask 2.1	Informational Signage	3Q2001	1%	3Q2001
Subtask 2.2.1	Promotion of Community Creek Cleanup	3Q2001	1%	3Q2001
Subtask 2.2.2	Cleanup of Major Illegal Dumping	3Q2001	1%	3Q2001
Subtask 2.2.3	Blockage of Dumping Sites	3Q2001	1%	3Q2001
Subtask 2.3	Riparian Habitat Enhancement (City of Winters)	3Q2001	1%	3Q2001

Narrative

1. Description of activities performed during the quarter, by task.

Subtask 1. Project Management and Administration

Subcontract with City of Winters

Solano County staff has prepared staff reports and agenda items and gone through legal review in order to finalize the subcontract with the City of Winters; the sub-contract has now progressing through the final approval and signature stage for both the County and the City of Winters.

Subtask 2 Implementation of Pilot Projects Along Putah Creek

Solano County staff has attended an organizational meeting with the Lower Putah Creek Coordination Committee consisting of representatives from Yolo and Solano agencies and signatories to the Accord. Staff has set and will attend a future organizational meeting to set up another organizational meeting to plan stakeholder meetings to get public input on the subtasks (Informational Signage, Community Creek Cleanup, Cleanup of Major Illegal Dumping, Blockage of Dumping Sites, and Riparian Habitat Enhancement projects). We hope to hold the stakeholder meeting within the next 60 days.

2. Problems and delays encountered by task.

N/A

3. Other issues or comments.

Subtask 1. Project Management and Administration and

Subtask 2 Implementation of Pilot Projects Along Putah Creek

An Accord has recently been reached by parties to a ten-year old lawsuit regarding Putah Creek flow levels. The parties include Putah Creek Council, Yolo County, City of Davis, UC Davis, and Solano County Water Agencies and the Solano entities who receive water diverted from Monticello Dam/Solano Project. This Accord will allow for much improved working relationships among the entities involved in Putah Creek land use management and waster resources. One provision of the Accord will establish a Lower Putah Creek Coordinating Committee (LPCCC) and will fund a Streamkeeper staff position. County staff will work with the LPCCC to implement this grant.

Quarterly Programmatic Report

Program Manager Cheryl Lovato Niles

Phone 415-778-0999

Project Manager Sue Worley

CALFED Project # 98-E17

Quarter Ending June 30, 2000

Deliverables

Task 1

Subtask 1.1

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Monthly invoice billings	Monthly through 2001	62.5% 15 of 24 Complete	Monthly through current date
CALFED fiscal and programmatic quarterly reports	Quarterly through 2001	5 of 9 Complete	Quarterly through current date
Annual report	4-2000	1 of 2 Complete	10/99
Final report	5-2001	0	
Minority and business owner report	9-30-99; 9-30-00	1	9-30-99
Monthly activity report to the Contra Costa Resource Conservation District Board	Monthly through 2001	62.5% 15 of 24 Complete	Monthly through current date

Subtask 1.2

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Receipts for computer supplies: rewritable CD ROM discs, color printer cartridge	On going April 1999- April 2001	62.5%	On going through current date

Receipts for office supplies for reports and presentations + postage	On going April 1999-April 2001	62.5% 15 of 24 months	On going through current date
Receipts for repair or technical services necessary for computer maintenance	On going April 1999-April 2001	33% \$150 in services provided to date	On going through current date

Task 2

Subtask 2.1

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Attendance Sheets for Monthly Planning Meetings	Monthly through 2001	15 of 24	Monthly through current date
Minutes of monthly meeting and hand out materials	Monthly through 2001	15 of 24	Monthly through current date
Minutes of subcommittees	Monthly through 2001	15 of 24	Monthly through current date

Subtask 2.2

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Attendance Sheets from Field Trips	As requested by the group during the term of task 2.	0 None held	
Itinerary and flyers form field trip	After event	0 None held	
Copies of representative educational materials for field trips	As requested by the group during the term of task 2.	0 None held	

Subtask 2.3

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Resource library sign out sheet	Monthly through 2001	15 of 24 Complete	Monthly through current date
Resource library index	Updated in quarterly reports to grantor through 2001	Index compilation completed. No updates needed to date.	10/99 Quarterly through current

Subtask 2.4

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Watershed assessment training attendance sheet	Once during the term of subtask 2.3	0 Not held yet.	
Miscellaneous materials for watershed assessment training	Once during the term of subtask 2.3	0 Not held yet.	

Task 6

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Receipt for computer + pre-installed software	One time purchase April – June 1999	100	6-99
Receipt for color printer	One time purchase April – June 1999	100	6-99

Receipt for graphics card	One time purchase April – June 1999	100	6-99
Receipt for installation services for card	One time purchase April – June 1999	100	6-99
Receipt for data automation kit	One time purchase April – June 1999	100	6-99

Task 7

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Receipt for Arc View 3.1 and Spatial Analyst maintenance agreement	Yearly Due August, 1999 and August 2000	50% Renewed for 99-00	8/99
Receipt for 3-D Analyst software, and maintenance and technical support agreement for 1 year	One time purchase- Starting as needed for plan writing sometime after October, 1999	100% Purchased and invoiced June/00	June/00

Task 8

Name Of Deliverable	Due Date	% Of Work Completed	Date Deliverable Complete
Copy of winning child's logo	Begin May 1999	100	6-99
Materials showing prize awards	Begin May 1999	95	10-99

Narrative

Task1

Work completed this quarter includes:

- Work continues on researching and gathering resources and BMPs for the plan.
- A Multi media presentation was given to county officials, which highlighted the stream inventory, photo comparative study and a presentation showing the Alhambra story and process (CRMP) and the need and use of GIS.
- The erosion and sediment study by NRCS will begin in July. A preliminary watershed tour was conducted in this quarter.
- Programmatic quarterly report was turned in for the period. A fiscal report was completed for last quarter ending March 31 and is enclosed. This was done because it marks the halfway point in the grant and serves as a measure of how well the project is on budget. This led to a more serious evaluation of upcoming tasks and a reevaluation of the allocation of funds in current tasks to more accurately reflect the needs of the group and project and the use of funds to meet them.
- A number of level 1 changes have been submitted and budgets updated to meet the needs of the group and project as the work is completed and exact costs are calculated.
- A timeline for completion of the plan and estimates of printing costs etc. have been completed.
- Task 3, the work to do outreach, complete a draft layout and conduct a public forum, and Task 4, the printing and distribution costs of the final plan are being written and will be submitted next quarter so that work can begin on the draft plan and the public meeting etc. It is proposed the public meeting be held in November.
- All deliverables are up to date with the exception of the library resource check out list. People in the group are not using the library and no new checkouts are recorded. Materials are being circulated and used by the writing committee.
- To provide the Writing and Synthesis Committee with the graphic 3-D map he wanted for the watershed, I teamed with the county and was able to persuade them to use Alhambra as a model for the new countywide GIS. It will be used to demonstrate the use of GIS and its application to county tasks in all departments. The county is investing a great deal of money to develop this technology. And it is very exciting to see all the amazing things that can be done. The county will be adding layers to this and providing them to me. The aerial photography is complete and will be available soon. We will be able to use all the county data in the plan because we will be the first to have all layers are tested and prepared. I will be able to complete the rest of the work for the plan with the help of county GIS coordinator.

Proposed Changes to Task 1 proposed in the level 1 task order amendments submitted are summarized below:

It was originally thought that education, training and other conference and outreach expenses for the watershed coordinator and for the project would be paid for by the RCD. This was not the case. The activities and educational materials provided by conferences fall within the range of duties of the watershed coordinator. These conferences during the first year have been important in training the watershed coordinator, giving a broader understanding and provide technical expertise in the areas of watershed planning and management. Secondly, they provide and exchange of educational information and access sources for resources that will be a part of the published plan. The conferences covered a large number of topics germane to the identified critical resource management issues in Alhambra Creek. For example, the Urban Streams Conference proceedings not only provided workshops on stream restoration and bank stabilization, but also gave references and bibliographies of sources of written materials that were available for public education. Also, at the conference attendees and booth displays provided further sources of methods and resource providers. Networking and cooperating with other agencies and organizations allows exchange of information, assistance and reduces the workload by not having to recreate information or resources that are already available. As an added benefit, the watershed coordinators presence at these conferences acted as outreach to other agencies and organization, grantors and service providers that may play a part in future funding and implementation resulting in on the ground projects. As example, the workshops attended on grants and the people I met helped me write a successful SWQCB 319 grant that will be the first implementation project by the planning group. The grant involves working out solutions with a large number of diverse stakeholders and landowners that would not have been possible without the CRMP process or the coordinators knowledge obtained at the workshops.

Costs for the conferences attended are being listed under Misc. expenses in Task 1.2. Funds for this expense have been reallocated from Task 1.1 and 1.2. reflecting materials cost being reduced in Task 1.1 and in Task 1.2 and reallocated to Misc. Task 1.2.

Attendance at conferences next year will be included as part of Task 3 Education and Outreach. The purpose for attending those conferences will be focused on community education outreach and transitioning the planning group to implementation strategies. This task is in the process of being written.

There was a miscalculation of overhead in the overall task budget. Social Security went up and the ETT and UI taxes were not included in the original budget. The exact amounts of the ETT and UI taxes was not known at the time the task orders were signed and the Social Security increase was not anticipated in the budget. Further the RCD board authorized a pay raise to the watershed coordinator. An oversight in the original task order did not include any regular pay increases to reflect RCD policy, largely due to the fact that the task orders were drafted during the watershed coordinators first weeks of employment before policies and procedures were well understood. The board has asked that if money can be transferred to this task to allow the approved increase.

It was also noted in doing the recalculations of Task 1 that the billing formula that has been used to allocate funds between Task 1.1 and 1.2 is incorrect when compared to the original formula. A correction will have to be made in the charges in the July invoices to correct the problem.

Subtask 1.1 Contract Administration

This task includes costs for postage, mailing materials and travel if needed for annual report. Since costs have been lower than expected due to the availability of matching funds and no presentation of the annual report has been requested by Cal Fed, the amount allocated for materials has been switched to other areas needed to fund workshops and seminars, and the stream inventory.

Monthly submissions of invoices and deliverables have been completed. All reimbursements have been made in a timely manner and the process is running smoothly.

Subtask 1.2 Program Administration

Program administration involves coordination of all the tasks outlined in the above job description of the watershed coordinator (see Task 1 Scope) except duties related to contract administration. This includes administrative costs, not covered by the RCD or other agencies such as, postage, office supplies and materials, and computer supplies needed to complete the CRMP process and write the watershed plan containing GIS maps. Again this amount was larger than needed. The funds were reallocated to fund workshops and seminars.

Also included are technical services or repair services and upgrades for the computer and software. Computer repair and maintenance remains an ongoing concern. Because computer information technology support has proved more expensive than expected and critical to writing the plan more funds have been allocated to the need for more GIS layers and continued work to make the GIS useable and produce a mapping products for the plan and for use by the group are addressed in Task 7.

Task 2

2.1

- The writing and review of the plan is continuing. Binders for members of the group will be made up with the completed work on the plan to date with sections inserted into the outline in their current state. This way the group can see the whole document and where work needs to be done. Each meeting new and revised sections will be replaced and made available at the meeting following comment and review by the group. Notebooks will be returned at the end of each meeting. Some binders will be made available for check out if member wish to make hard copy edits.
- Speakers providing education for the planning group included my stream walk presentation, the director of the county floodplain management program, and a wildlife specialist.

- Data continues to be processed from the stream inventory. Work continues on the comparative photo study.
- Existing GIS layers were acquired from form EBRP. The greatest need appears to be a good roads layer. See Task 7
- GIS layers were acquired for fire district and fire history locations.

2.2

The group had been using field trips in the watershed to familiarize the group with the watershed and its problems and resources. This practice had stopped before the watershed coordinator was hired. There was some indication at that time that the group might want to continue the practice. This was not the case. The group's continuing education has taken the form of speakers featured at the monthly meeting at no cost. The group has completed formulating its goals and is in the process of refining them in the current drafts of the plan reviewed at each meeting. This task should be closed and funds allocated to Task 1.

2.3

A purchase of educational resource materials was made from Tree People. These have been circulated within the writing committee for review for inclusion of BMP's in the plan.

2.4

Initially it was thought a second watershed assessment workshop would be held using the Proper Functioning Condition model. After the Proper Functioning Condition workshop it was clear that the method did not perform in an urban and wildland/urban interface area. It was decided not to use this model or have another workshop. There was still a need for some type of watershed assessment to verify the size and scope of watershed issues and to develop and refine objectives.

A watershed assessment was conducted by the watershed coordinator and a group of planning group members in September and October of 1999. The assessment was modeled after the Coyote Creek Riparian Station Volunteer Monitoring Program. A photo-comparison study was also conducted and some benchmarks were established for future monitoring efforts. The work also included GPS mapping of the stream and various attributes. Because of limited time and resources the study was only a preliminary overview. Much of the work was done as a windshield survey rather than instream. A Quality Assurance Plan was developed and approved by EPA and is on file. It is recommended that a QAPP be developed for the watershed and that instream surveys are done for the places that were missed. The photo-comparison study should also be finished and conducted as part of monitoring on a regular basis.

The County Clean Water Program has decided to use Alhambra Creek Watershed as a pilot program for assessment and data collection for all the watersheds in the county. The planning group will work with the county to help develop this program and share the existing data.

Task 7

Teaming with Contra Costa County efforts yet again, the GIS needs and solutions have been met. The county has agreed to use the Alhambra watershed as the pilot for the model of the county GIS and 3-D modeling. The county GIS coordinator arranged a training day with ESRI, which provided training for the watershed coordinator put the layers into the same projections and created a 3-D model, which was presented in the afternoon to county officials. A roads layer will be purchased and fit to the Alhambra watershed by a consultant (the county GIS coordinator) to complete the GIS needs using funds from this task as part of the task order revisions submitted. I trade for this work by ESRI the 3-D Analyst software was purchased.

Task 8

The logo was taken to the printers for rendering into a more professional logo. The original logo art work has been scanned and was used on the binders for the planning group members draft plans.

Quarterly Fiscal Report March 31

Budget year: 2000
Statement Quarter: 2

Project Title: Alhambra Creek CRMP Program
Applicant: Contra Costa Resource Conservation District
CALFED Project Number: 98-E17

Total Estimated Cost: \$403,582.00
CALFED/EPA Grant funds \$138,500.00
Non-CALFED.EPA funds \$0.00
Contributed goods & service \$265,082.00
Total Project Estimated Completion Date: 2 years

	PROJECT (Quarterly Budget)				PROJECT (FY 2000 Budget)			PROJECT (Two Year Budget)		
	Budget	Accrued Expenditures	Variance	**	Budget	Accrued Expenditures	Remaining Balance	Budget	Accrued Expenditures	Balance to Complete
Task 1:	\$11,533.00	\$11,443.22	\$89.78	1	\$46,132.00	\$22,536.84	\$23,595.16	\$92,264.00	\$43,759.51	\$48,504.49
Schedule: FY '99 through FY '01										
Percent Work Complete for Task1 37.5										
1.1	\$2,162.44	\$2,088.39	\$74.05		\$8,649.75	\$4,112.98	\$4,536.77	\$22,591.00	\$7,986.11	\$14,604.89
1.2	\$9,370.56	\$9,354.83	\$15.73		\$37,482.25	\$18,423.86	\$19,058.39	\$69,673.00	\$35,773.40	\$33,899.60
Task 2:	\$790.13	\$473.21	\$316.92	Pro-rated	\$3,160.50	\$960.76	\$2,199.74	\$6,321.00	\$2,100.57	\$4,220.43
Schedule: FY '99 through FY '01										
Percent Work Complete for Task 2 37.5										
2.1	\$641.25	\$473.21	\$168.04	Pro-rated	\$2,565.00	\$960.76	\$1,604.24	\$5,130.00	\$2,100.57	\$3,029.43
2.2	\$50.63	\$0.00	\$50.63		\$202.50	\$0.00	\$202.50	\$405.00	\$0.00	\$405.00
2.3	\$42.25	\$0.00	\$42.25		\$169.00	\$0.00	\$169.00	\$338.00	\$0.00	\$338.00
2.4	\$56.00	\$0.00	\$56.00		\$224.00	\$0.00	\$224.00	\$448.00	\$0.00	\$448.00
Task 3:					\$4,938.13	\$0.00	\$4,938.13	\$7,901.00	\$0.00	\$7,901.00
Schedule: FY '00 through FY '01										
Percent Work Complete for Task 3: 0										
3.1										
3.2										
3.3										
Task 4:					\$16,819.00	\$0.00	\$16,819.00	\$16,819.00	\$0.00	\$16,819.00
Schedule: FY '00 through FY '01										
Percent Work Complete for Task 4: 0										
4.1										
4.2										
Task 5:					\$1,381.00	\$0.00	\$1,381.00	\$1,381.00	\$0.00	\$1,381.00
Schedule: FY '00 through FY'01										
Percent Work Complete for Task 5: 0										
Task 6:	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$6,859.00	\$6,859.00	\$0.00
Schedule: FY '99										
Percent Work Complete for Task 6: 100										
Task 7:	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$6,449.00	\$1,084.50	\$5,364.50
Schedule: FY '99 through FY '00										
Percent Work Complete for Task 7: 83.2										
Task 8:	\$0.00	\$0.00	\$0.00	8	\$0.00	\$0.00	\$0.00	\$506.00	\$432.13	\$73.87
Schedule: FY '99 through FY '00										
Percent Work Complete for Task 8: 95										
Total:	\$12,323.13	\$11,916.43	\$406.70		\$72,430.63	\$23,497.60	\$48,933.03	\$138,500.00	\$54,235.71	\$84,264.29

** 1 Budget amount on average salary over grant term. Pending raises will be pro-rated to fit amount remaining.
8 Amount left to be used

**CALIFORNIA BAY- DELTA ENVIRONMENTAL ENHANCEMENT ACT
UNITED STATES BUREAU OF RECLAMATION
INDIVIDUAL PROJECT PROGRESS REPORT**

As of 06/30/00

Contract Number: 1425-98-AA-20-17310

Agency/Entity Name: Dept of Interior, U.S. Fish & Wildlife Service

Proposal Title

and/or Description: Butte Creek Watershed (BCW), Restoration Project: (Task 1) BCW Assistant Coordinator and (Task 2) Develop BCW Education Project, BCW Road Survey, and conduct Geomorphology Analysis of Lower Butte Creek.

Funds Provided: \$302,867.00

Funds Obligated: \$302,867.00

Funds Expended: \$213,407.00

Labor:	<u>\$ 115,610.00</u>
Contracts:	<u>\$ 51,366.00</u>
Contracts (Construction):	<u>\$ 0.00</u>
Overhead:	<u>\$ 30,415.00</u>
Other:	<u>\$ 16,016.00</u>

Physical progress during the quarter/Accomplishments: (Task 1) The BCW Assistant

Coordinator continues to perform a full range of office support functions and maintains the daily operations of the BCW Conservancy's office while assisting the development of the Existing Conditions Report and Watershed Management Strategy. (Task 2) BCW Education Project: During the period between March and April 2000, the BCW Education Project offered two training sessions for teachers in the Chico, Durham, and Paradise areas. In-April, the Adopt-A-Watershed (AAW) workshop was held in Chico for secondary teachers in the AAW Water Quality Unit; this brought into the program for the first time Paradise High School. In June a Natural History Float trip on the Sacramento River was held for area teachers funded primarily through an EPA grant with Chico Unified. The day included a tour of the BCW Education Project as well as a tour of the Sacramento River Discovery Center in Red Bluff. Twenty-four teachers participated in the tour which included a walk through the environmental education center and cabin facilities and information about the programs offered through the SRDC. The tour also

included boarding rafts and floating the river for thirteen miles from Red Bluff to Los Molinos. Dr. Paul Maslin, Biology Professor emeritus from CSU Chico, interpreted along the way and explained geomorphology, plant ecology, and succession changes. Restoration projects this spring included the following: classrooms from Marsh Junior High and Little Chico Creek Elementary schools removed Ailanthus and replanted over one hundred student-propagated plants along Little Chico Creek. Eighty-five second graders from Durham Elementary School and students from Bidwell Junior High in Chico planted trees on the Butte Creek Keeney Preserve. The Junior High students also, propagated native riparian plants in the school greenhouse and planted these on the Keeney Preserve. Biology students from Pleasant Valley High School removed non-native species and planted native plants on Big Chico Creek at the Five Mile Recreation Area in Bidwell Park. The CSU, Chico Americorps volunteer, was active during the spring in several areas. 1.) Coordination of a building (576 sq.ft) Agratech greenhouse on the Marsh Junior High campus which will be used for propagating additional native plants for restoration use. 2.) Assisted students in plant propagation techniques at the Bidwell Junior High greenhouse. 3.) Accompanied students from Pleasant Valley High on trips to collect cuttings of willow and cottonwood which were later used in revegetation efforts on Big Chico Creek. Other activities of the project included the development of a web site and video, and a “how to” guide for use by other watershed groups to establish education projects near completion.

BCW Road Survey: The project draft report was distributed to cooperators Sierra Pacific Industries, USFWS, the US Forest Service and consultants Meadowbrook Associates. Their input was reviewed by project staff and incorporated into the final report. Editing and design of the final report is in progress with the completion date projected as the end of July. This final report will then be distributed to all cooperators, any interested stakeholders and a copy will also be housed in Special Collections, Meriam Library, California State University, Chico. **Fluvial Geomorphology Study:** An interim progress report was filed this spring by project staff and the consultants G. Mathaias Kondolf and John Williams. Further field work to test several theories and gain further depth of understanding in the lower watershed is to be conducted when water levels are safe for wading. Re-survey of several sites will be conducted to learn more about current channel conditions and process. Hydrologic analysis is completed, and portions of the field work yet to be completed (along with previous data collected) are being used to calculate various hydraulic parameters for specific channel reaches. Final report preparation is ongoing in the next several months, concurrent with final data collection and analysis.

Physical 85% Complete

Comments: (Task 2-BCW Education Project): Activities planned: sponsoring two teams of eight teachers to attend the September two-day training at the Sacramento River Discovery Center which includes one day of Adopt-A-Watershed training followed by a day of instruction in using the SRDC as an

environmental education site; expansion of the Curriculum Lending Library, and a meeting of the teacher core group in August to evaluate the progress of the project and set new goals. The BCW Education project has also received additional funding through other sources (EPA 319h and the SRWP) to hold training in Rapid Bioassessment and to establish water quality monitoring programs at the secondary level in local school districts. These training sessions will occur this coming fall. The BCW Education Coordinator has submitted a preliminary research proposal to, Masters of Science Teaching Program through CSU Chico, to evaluate the effectiveness of the BCW Education Project in its efforts to help teachers incorporate more watershed education and field study into their curriculum. Research will begin in the spring of 2001.

CALIFORNIA BAY- DELTA ENVIRONMENTAL ENHANCEMENT ACT
UNITED STATES BUREAU OF RECLAMATION
INDIVIDUAL PROJECT PROGRESS REPORT
As of 06/30/00

Contract Number: 1425-98-AA-20-16840

Agency/Entity Name: Dept of Interior, U.S. Fish & Wildlife Service

Proposal Title

and/or Description: Floodplain Management & Habitat Restoration/Non-native Species Prevention and Control: This report covers funding thru an Inter-Agency agreement which allocates funds to acquire land on Butte Creek (McAmis Property), and to solicit contractors for the Lower Mill Creek Restoration Enhancement Program (Task 1). All other cost associated with this Inter-Agency supports the cost of the Non-native species program in the San Francisco Bay-Delta Estuary and overhead cost thru the USFWS Regional 1 office located in Portland, OR. (Task 2) Total cost associated with (Task 1): \$149,730.00

Funds Provided: \$149,730.00

Funds Obligated: \$149,730.00

Funds Expended: \$146,885.00

Labor:	<u>\$ 9,118.00</u>
Contracts:	<u>\$ 11,138.00</u>
Contracts (Construction):	<u>\$0</u>
Overhead:	<u>\$ 1,163.00</u>
Other:	<u>\$125,466.00</u>

USFWS Funds Expended: **[\$61,616.00]** - Labor: \$8,575.00, Contracts: \$48,517.00, Overhead: \$3,182.00, Other: \$1,342.00

Physical progress during the quarter/Accomplishments: **(Task 1a)** Parcel of land known as the **McAmis property** has been purchased and the USFWS has received a copy of the Short Form Deed of Trust and Assignment of Rents from the Butte Creek Watershed Conservancy. This property will be used to develop a Riparian Restoration Research Preserve. **(Task 1b) Lower Mill Creek Restoration Enhancement Program:** The primary activities of this quarter involved producing the lower Mill Creek maps in conjunction with CH2M Hill and grant partners. In addition, The Nature Conservancy completed the Monitoring report of the restoration project at the Runyon site. The Mill Creek Conservancy also held a public meeting at a revegetation site and reported on the progress of several revegetation projects on Mill Creek. Mapping: The draft maps have been finalized incorporating the soils/habitat/parcel size information to interface to determine desirable areas for future projects. The final maps are in a composite format that provides multiple factors on each map. The Lower Mill Creek Revegetation Project maps includes two maps, one with Soils and Parcel information and one with orthophotography and riparian habitat information. On May 24, 2000, the Mill Creek Conservancy held an Annual Membership meeting at the Brown Revegetation site. Approximately 30 people attended and the key topic was the revegetation projects. Several speakers provided information on restoration projects and conditions on Mill Creek. Some attendees also made a site inspection of the Brown revegetation site, which was planted in 1997 by Los Molinos students. The students also prepared a monitoring plan. The Runyon site was across the creek from the Brown property and could be viewed from a distance. This meeting was a requirement of the grant.

Physical 90% Complete

Comments: **(Task 1b):** The Nature Conservancy provided a Monitoring Report regarding the Runyon site. The report includes background, methods used, results, site photos and a Species composition and frequency across creek zone chart. The test planting and the natural regeneration on the site have been successful and the planting managers deem no additional planting necessary. A site visit was also made by the USFWS, The Nature Conservancy and the Los Molinos Mutual Water Company to verify the condition of the site. Additional work for the project will include the distribution of maps and final monitoring of the restoration sites also, the preparation of final reports.

CALIFORNIA BAY- DELTA ENVIRONMENTAL ENHANCEMENT ACT
UNITED STATES BUREAU OF RECLAMATION
INDIVIDUAL PROJECT PROGRESS REPORT
As of 06/30/00

Contract Number: 1425-98-AA-20-17470

Agency/Entity Name: Dept of Interior, U.S. Fish & Wildlife Service

Proposal Title

and/or Description: Stanislaus & Tuolumne Rivers HRP's: (Task 1) The Willms site acquisition:
this project was terminated and funds in the amount of \$1,037,899.00
were

de-obligated March 26, 1999. (Task 2) The Tuolumne River Floodway
Emergency Repair and Long-Term Habitat Restoration Project

Funds Provided: \$1,693,000.00

Funds Obligated: \$ 655,000.00

Funds Expended: \$0

Labor:	<u>\$0</u>
Contracts:	<u>\$0</u>
Contracts (Construction):	<u>\$0</u>
Overhead:	<u>\$0</u>
Other:	<u>\$0</u>

Physical progress during the quarter/Accomplishments: (Task 1) Willms Site Acquisition: The
USFWS - Anadromous Fish Restoration Program (AFRP) has terminated is subcontract with the
California Department of Water Resources. CALFED funds have been de-obligated and will not be
expended as part of the Bureau of Reclamation and USFWS Inter-Agency agreement. (Task 2) The
Tuolumne River Floodway Emergency Repair and Long-Term Habitat Restoration Project:
Continued progress was made on pre-construction tasks and field studies for the project. Field studies
indicated that a few Elderberry plants might need to be removed during construction; this, combined with
ongoing discussions regarding long term restoration plantings verses the Reclamation Permit terms
resulted in the decision to prepare a programmatic ESA consultation with the USFWS to allow for

intended Elderberry planting in the riparian planting design. The Section 7 consultation is anticipated to be completed in July. The Hazardous Material survey for the project site was approved by the USFWS Contaminants Division. The completed conservation easement appraisals were reviewed by the District and approved by the USFWS Realty Division. Offers to the landowner for the purchase of easements will proceed next month. Negotiations are on-going for sole-source construction with the George Reed Group ; materials aggregate operations in the project area are nearly complete. A tentative construction cost has been agreed upon, pending a few contract administration details. During this negotiation there were minor modification to the 100% design drawings and construction specifications that resulted in significant savings in construction costs. A revised set will be issued.

Physical 0% Complete: **0% Complete; however the revegetation materials are being grown in anticipation of planting in the fall of 2000.**

Comments: **TID is the contractor for all source funds. To date only USFWS-AFRP and District funds have been spent on pre-project construction tasks that include final design, environmental documentation and permitting, pre-project monitoring, and easement and Right of Way (ROW) issues.** Pending completion of ROW issues, construction is scheduled to begin July of 2000. Turlock Irrigation District (TID) is continuing to work with the Category III Project Manager to finalize an agreement for 1997 CALFED/Category III funds. The TID and Modesto Irrigation District (MID) Project Manager and Category III Contract Representative have resolved outstanding issues necessary to finalize all agreements and preliminary drafts are under review with the District. MWD contract language for the Category III agreement has been incorporated into the construction bid documents for the project. As of June 30, 2000, there is still no signed contract with MWD. Pending completion of ROW and contract issues, construction is scheduled to begin in August of 2000.

The Tuolumne River Floodway Long-Term Habitat Restoration Project involves four separate funding sources USFWS-AFRP: \$2,856,000; CALFED Federal Appropriations: \$1,362,000; CALFED/Category III: \$2,825,000; and the Turlock and Modesto Irrigation Districts: \$166,260. CALFED approved an increase of \$707,000; and district expenditures for NEPA and CEQA permitting was increased by \$66,260. To date only AFRP and TID funds have been expended on pre-project construction tasks that include final design, environmental documentation and permitting, pre-project monitoring, and easement and ROW issues.

**CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
USBR INDIVIDUAL PROJECT PROGRESS REPORT**

As of :July 9, 2000

CALFED Proposal #11409J019

Agency: **East Stanislaus Resource Conservation District**

Proposal/Description: Grayson River Ranch Perpetual Conservation Easement and Restoration

Funds Provided: **\$732,000/\$345,050*** **33%** of the Total Funds Provided*

Funds Obligated: **\$30,429**

Funds Expended: **\$68,270** 28.6% of the Total Funds Provided**

Labor: **\$0**

Contracts (AE): **\$21,251**

Contracts (Const): **\$43,188**

Overhead: **\$8,025**

Other: **\$26,250** easement acquisition

Physical progress during the quarter/Accomplishments: **In the past quarter the restoration committee finalized the monitoring plan and forwarded them for FWS review. Contractors were selected and fees determined for most. Permitting is moving forward. CEQA, Army Corps, Streambed Alteration, are complete. The Reclamation Board is near completion. NEPA is in process and expected to be finalized soon. All permits should be in place by the end of July for construction to begin. Avian pre-project monitoring is complete.**

Physical **50%** Complete

Comments: **We anticipate construction to begin in August of 2000.**

***The CALFED proposal requested \$732,000. An NRCS match of \$311,000 fulfilled a total project cost of \$1,043,000. The entire CALFED grant of \$732,000 is no longer required. Due to property owner time constraints, we needed funding to purchase the easement more quickly than CALFED could release the grant funds. USFWS, AFRP provided funds to combine with NRCS funds to satisfy the landowner need for early closure. The combined funds left a remainder for the purchase in the amount of \$26,250 for which the owner agreed to wait for until the CALFED funds were available. The AFRP funds reduced the funds required from CALFED to complete the project budget from \$732,000 to \$345,050. CALFED's contribution to the total project cost now equals 33% at completion.**

**** 28.6% represents CALFED funds obligated and expended based the reduced CALFED amount of \$345050.**

CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
USBR INDIVIDUAL PROJECT PROGRESS REPORT

As of: July 1, 2000

Agency: California Department of Fish and Game, Central Valley Bay-Delta Branch

Proposal/Description: The Hill Slough West Habitat Restoration Demonstration Project is a proposal to restore tidal action to approximately 200 acres of seasonal and permanent wetlands in northeastern Suisun Marsh. Implementation will be carried out in four phases (the first of which this funding covers) over approximately five years and is a collaborative effort to restore a transition from perennial aquatic habitat in Hill Slough to low marsh, high marsh, and upland transition.

Funds Provided: \$200,000 0% of the Total Funds Provided

Funds Obligated: \$200,000 0% of the Total Funds Provided

Funds Expended: \$ 0

Labor: \$ 0

Contracts (AE): \$ 0

Contracts (Const): \$ 0

Overhead: \$ 0

Other: \$ 0

Physical progress during the quarter/Accomplishments:

- Hammon, Jensen, Wallen & Associates of Oakland, California (subcontractor to Philip Williams & Associates) flew the site on May 4, 2000. From this flight and using computer assisted photogrammetric methods they produced a topographic map; the scale of the map is 1 inch:100 feet with 1 foot contour intervals.
- Jensen & Associates completed the archaeological inventory survey.
- Philip Williams and Associates and subconsultant Marcus Bole continued the assessment of existing site conditions.

Physical: 15 % Complete

Comments: None

(C:\DATA\HILL\progress\progress7_00.wpd)

Attachment A

CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
USBR INDIVIDUAL PROJECT PROGRESS REPORT

As of: June 2000

Agency: City of Benicia

Proposal/Description: To prepare a restoration plan and obtain necessary permits for the Benicia
Marsh Restoration Project

Funds Provided: \$59,000 (CAL-FED) 57 % of the Total Funds Provided

Funds Obligated: \$44,460 (City) 43 % of the Total Funds Provided

Funds Expended: \$32,576.68 (CAL-FED)

Labor: _____

Contracts (AE): \$32,576.68 (CAL-FED)

Contracts (Const): _____

Overhead: _____

Other: _____

Physical progress during the quarter/Accomplishments: Conceptual restoration planning 100%

complete. Draft engineering drawings 95% completed. Specifications 85% completed.

Environmental review 80% completed.

Physical 80 % Complete

Comments: _____

CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT

Quarter ending 6/30/00

Agency/Non-Profit: The Nature Conservancy

Proposal/Description: Sacramento River Floodplain Acquisition

Funds Provided: _____% of the Total Funds Provided

Funds Obligated: \$1,000,000.00 _____% of the Total Funds Provided

Funds Expended: \$1,000,000.00**

Labor:
Contracts:
Overhead
Other: Capital costs**

** Funds have been expended and line item reporting will be provided next quarter pending consensus site selection of an alternative parcel(s) as described below.

TNC tentatively earmarked all funds available under this cooperative agreement for partial fee acquisition of riparian and restoration acres and a conservation easement over the agricultural portion of the Repanich Tract in Tehama County as described below and in TNC report for the quarter ending 3/31/00. TNC is currently assessing the entire tract to determine the optimum configuration for ecosystem restoration and continued agricultural production by a private owner. Terms and value of the easement are yet to be determined. This process will take longer than anticipated, primarily because TNC staff are working with the local community to achieve consensus support for a balanced division of the tract for ecosystem restoration and private, compatible agriculture.

Because of the time it is expected to take to complete the site assessment and reconfiguration of the Repanich Tract, plus the additional time that will be required to line up an out-sale and negotiate easement terms over the agricultural portion, TNC proposes to use the awarded funds on a simpler transaction that can close in the near-term future. TNC currently has several appropriate tracts under option, and TNC is currently in the process of obtaining consensus agreement from DFG, WCB and USFWS to apply these funds to purchase of an alternate tract.

TNC's recommendation to DFG, WCB and FWS will be to acquire an additional tract or tracts in the vicinity of Hamilton City/Stony Creek/Road 29 to build on nearby CalFed 97-N02 acquisitions. Additional acquisitions south of Hamilton City will be required to relocate the

privately maintained levee that currently protects Hamilton City but disconnects the river from its floodplain. Additional acquisitions south of Hamilton City will increase flood plain storage, provide a continuous riparian corridor and limited meander between Highway 32 and Ord Ferry, provide additional spawning and rearing habitat for resident and migratory fish, and eliminate or minimize potential adverse impacts from ecosystem restoration.

TNC anticipates identifying a tract or tract and obtaining consensus agreement from DFG, WCB and USFWS regarding the alternative tract prior to the end of July 2000.

Budget year: 00-Sep-30

Statement Quarter: Jun-00

CALFED Project Number: #99-XX####

FWS DCN#11420-9-J047

\$1,000,000

1,000,000

3 years

1

11

1

PHASE I
(Three Year Budget)

Accrued			Accrued			Remaining	Accrued		Balance to
Budget	Expenditures	Variance	Budget	Expenditures	Balance	Budget	Expenditures	Complete	
\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0	

Percent Work Complete for Task 1: 100%

Phase I Total:	\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0	*	\$1,000,000	\$1,000,000	\$0
----------------	-------------	-------------	-----	-------------	-------------	-----	---	-------------	-------------	-----

** Please explain significant variance.



CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
USBR INDIVIDUAL PROJECT PROGRESS REPORT

As of: June 30, 2000

Agency/Non-Profit: The Nature Conservancy

Proposal/Description: Cosumnes River Floodplain Acquisition

Funds Provided: \$0

Funds Obligated: \$750,000

Funds Expended: \$5,431

Physical progress during the quarter/Accomplishments:

The Nature Conservancy has recently narrowed its focus from five properties to a single acquisition project that will, when complete, help to protect existing riparian, wetland and aquatic habitats along the Cosumnes River, and in so doing, will provide positive benefits for east-side delta tributary fall-run chinook salmon, splittail and other targeted delta species .

The property consists of rectilinear 475 acre parcel which is bisected lengthwise by approximately one mile of Cosumnes River channel. Restoration of the floodplain through levee breaching and other techniques will benefit the same suite of species discussed above. We have had difficulty in arriving at a mutually agreed-upon price, but have now reached an agreement. The property, owned by Richard, Kathy and Fred Denier, is presently under a six month option (exercise date is no later than mid December 2000). The sale price is \$1.9 million (supported by an appraisal), of which we would propose that the \$708,000 of this grant be dedicated and combined with another CALFED grant and additional funding. Acquisition of this property would help complete linkage of the lower protected floodplain to the Valensin ranch portion.

Physical _0_ % Complete

Title COSUMNES RIVER FLOODPLAIN ACQUISITION, RESTORATION PLANNING, AND DEMONSTRATION

Budget year: 30-Sep-00

Applicant: The Nature Conservancy

Statement Quarter: 30-Jun-00

USFWS Agreement #: 114209J076

Total Estimated Cost of Task I: \$750,000
Funding from Federal Bay-Delta Account \$750,000

(In-Kind Services would be listed here if applicable- note: Detail of the service provide would be included.)

Phase I schedule 2 years

Project Completion Date: 30-Sep-01

TASK I
(Quarterly Budget)

TASK I
(FY '00 Budget)

TASK I
(Project Budget)

	Budget	Accrued Expenditures	Variance	**	Budget	Accrued Expenditures	Remaining Balance	**	Budget	Accrued Expenditures	Balance to Complete	**
Task 1: Cosumnes River Floodplain Acquisition, Restoration Planning, and Demonstration	\$5,000	\$4,869	\$131		\$321,429	\$5,431	\$315,998		\$750,000	\$5,431	\$744,569	

Total:	\$5,000	\$4,869	\$131		\$321,429	\$5,431	\$315,998		\$750,000	\$5,431	\$744,569	
---------------	----------------	----------------	--------------	--	------------------	----------------	------------------	--	------------------	----------------	------------------	--

**** Explanation of Budget**

- (1) Negotiations are currently in progress for Task #1 Acquisition. See programmatic report.

CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
INDIVIDUAL PROJECT RESULTS (CALFED format: Quarterly) As of: July 9, 2000.
(6th qtr, of 11-qtr contracted project)

from C. L. Kitting and J. T. Rees, Cal State University Hayward (510) 885-3001
FAX (510) 885-4747.

to P. Leonard and J. Thomson (FAX 916 414 6712)
email: John_Thomson@fws.gov

Our most concise general summary is under "comments," near the end.

Agency: Cal State University Hayward Foundation and collaborators.
Proposal/Description: Biological Restoration and Monitoring in the Suisun Marsh/North
San Francisco Bay Ecological Zone: an Ecosystem Approach to Improve
Effectiveness of Bay/Delta Restoration.

CALFED: Proposal # 98-C1042, awarded 28 September, 1998, (contracted 4 January,
1999) to Cal State University Hayward Foundation for 2.7 years, with budget items for
SFBWS and Contra Costa County.

Cooperative Agreement between the California State University Hayward Foundation
and the US Fish and Wildlife Service, Agreement # 114209J018.

"Physical progress" (physical environmental vs. biological progress, both essentially on
schedule as proposed) during the quarter and year.

(Major) Accomplishments:

Our four pairs of restored and reference marsh sites, plus an additional, deeper reference site (not funded formally), span an array of low-salinity environmental conditions. Our methods for non-destructive sampling of aquatic animals detected relatively large population densities of our target species of fishes, delta smelt and splittail during spring. We are continually integrating and interpreting our other monitored data related to our target fishes and their food webs, including physical data, zooplankton and zoobenthos, and heavy metals data,. For example, to date, our marshes with higher densities of zooplankton and zoobenthos also have shown higher fish population densities. Our two marshes restored to higher tidal action and with large ponded, shallow-water expanses (McNabney/Shell Marsh and Tubbs Muted Marsh) have the highest animal population densities and diversities among all our marshes, including bird populations and species. The marsh most densely populated with animals also has high nutrient input, originating from birds *and* flow of reclaimed water from a nearby sewage treatment plant and marsh. These same marshes also will require channel maintenance to prevent blockage by silt and vegetation.

Some reference and restored sites sampled, particularly those without ponds along channels, have yielded very little plankton and few native fishes. In addition, in our metals sampling and analysis (funded at only two marshes at one site, but analyzed in three of our marshes), adult mitten crabs and yellowfin gobies (sampled from northern San Pablo Bay marsh) have shown concentrations of mercury at marginally high levels (7 ppm), even though the marsh sediments and water do not show correspondingly high levels of metals. (including mercury.) These animals may be migrating through mercury-contaminated regions, and/or biomagnifying metals up the food web. At another of our marshes, moderate levels of metals (in sediments) appear to be transported at low levels from a nearby, contaminated channel. To minimize contaminant dispersal, we recently suggested simple *compression* of such sediments rather than ditching, to create circulation channels beneficial to fishes and their food resources.

In our previous quarterly reports, we described our additional improvements in restoration, monitoring, and management.

Our work is allowing comparisons, performed before, during, and after restoration, to increase plant and animal populations in these Suisun Bay area marshes. Our January 2000 annual report and answers to CALFED inquiries led to our informal proposal (as requested by CALFED) for additional funds for our “ready to go” (1) expansion of marshes to be restored more fully (with provision of ponds when necessary), (2) their continued monitoring, and (3) important marsh maintenance and provision of more sustainability (to prevent invasive plants and silt from blocking channels), with our present and additional partners. We have received no response as yet to our request. We then proposed future such work at present and additional sites, during the regular CALFED proposal cycle. Both sets of sites as presented in our proposals remain feasible for us to restore and monitor, in conjunction with our partners, as proposed this year.

“Physical:” (85% complete).

Comments:

Our restoration/monitoring project is progressing essentially as proposed and contracted. Our four pairs of marshes, plus an additional reference site added later (and not formally funded), span an array of mesohaline to oligohaline environmental conditions in CALFED Ecological Zone 2. Our partners succeeded in increasing tidal amplitude at an alternative Tubbs Island site, just west of where originally planned, to allow time to manage salt marsh harvest mouse populations prior to planned restoration of tidal action.

During February-April, 2000, as we have reported to CALFED, USF&WS, and DFG, we detected relatively large population densities of our target fish species, delta smelt and splittail, in some of our restored marshes. Upcoming major risks to be managed include marshes becoming choked with sediments, invasive plants, or excessive phytoplankton. We detected decomposition of excessive plant material, temperature extremes, and fish kills in two of our marshes last summer. We are providing increased circulation and deeper water to minimize those risks, and have proposed to CALFED a Phase Two of our

project, which calls for maintaining and improving those preventative measures after our present (Phase One) project expires. Most recently, we have had to remove thick cattails that blocked the channel to McNabney/Shell Marsh. Hand methods had to be used, due to the presence of vulnerable petroleum pipes. Along with our collaborators, we also are arranging emergency, experimental aeration there, when tidal action may be temporarily insufficient during further work on the channel. This same marsh experienced a fish kill last summer, when water circulation was insufficient during hot, calm conditions.

Our partners have reviewed these and other results of this work, prior to our results presentations on schedule in our quarterly reports to CALFED. We then prepared presentations for scientific meetings. We also attempt to provide additional details requested by other CALFED contractors, although that information is becoming available through the CALFED (and other) websites, including our proposal/contract/background information. Each presentation of our results acknowledges the funding from CALFED and the US Fish and Wildlife Service. As requested, we attached a list of our major fish species and other findings, and resulting actions (restoration improvements) with our recent CALFED application for Phase 2 funding, which includes an expansion of such marsh restorations, and would provide adjacent, attached ponds to increase productivity, where necessary. Our information is available from that proposal package, as the "List of References" includes our >14 resulting papers presented thus far. Printed abstracts also are available. We at CSUH recently proposed three CALFED Science Conference Presentations on (1) fishes among restored and reference sites, (2) invasive cnidarian species, and (3) factors associated with our large delta smelt and splittail population densities in marshes last spring. Our related manuscripts for management and scientific journals are in review and in preparation. Our collaborators at Contra Costa Mosquito and Vector control also proposed three other resulting presentations (on hydrography and marsh plant colonization) for that same CALFED conference.

The additional fiscal form for the quarterly report is analogous to our Foundation's software for detailed accounting. Each month or quarter, our Foundation now invoices CALFED/USFWS, including that accounting (summarized above). A more current account can be faxed, upon request. We have been obtaining invoices from the university and collaborators more timely, this year.

We will welcome any of your advice. Thank you for your assistance.

-Chris Kitting, Ph.D. P.I. Cal State U Hayward Foundation CALFED Cooperative Agreement between the California State University Hayward Foundation and the US Fish and Wildlife Service, Agreement # 114209J018.

Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay
Ecological Zone: an Ecosystem Approach to Improve Effectiveness of
Bay/Delta Restoration

CALIFORNIA BAY- DELTA ENVIRONMENTAL ENHANCEMENT ACT
UNITED STATES BUREAU OF RECLAMATION
INDIVIDUAL PROJECT PROGRESS REPORT
As of 06/30/00

Contract Number: 1425-99-AA-20-0226

Agency/Entity Name: Dept of Interior, U.S. Fish & Wildlife Service

Proposal Title

and/or Description: (Task 1) The Tuolumne River SRP 10 Restoration Project and Mining Reach Restoration Project No. 2 - MJ Ruddy Segment. (Task 2) Tuolumne River Mining Reach Restoration Project No. 2 - MJ Ruddy Segment.

Funds Provided: \$3,605,925.00

Funds Obligated: \$3,605,925.00

Funds Expended: \$ 0

Labor:	<u>\$0</u>
Contracts:	<u>\$0</u>
Contracts (Construction):	<u>\$0</u>
Overhead:	<u>\$0</u>
Other:	<u>\$0</u>

Physical progress during the quarter/Accomplishments: (Task 1) *Tuolumne River Special Run Pool (SRP) 10 Restoration*: The physical field monitoring activities for 1999 have been completed including preparation of the monitoring report. This constitutes a second year of pre-project monitoring. The repair to the dike break in SRP 10 is now scheduled to be the initial part of the restoration

construction for SRP 9 in the summer of 2001. Location of a single Elderberry bush adjacent to the limited width access route to the SRP 10 repair site will require ESA consultation as part of the permitting for the SRP 9 construction. This is now part of the larger programmatic Section 7 consultation being undertaken for all the Mining Reach and SRP projects. The USFWS-AFRP completed a Cooperative Agreement for \$160,000 (CALFED appropriated funds); which is in the final signature stage. (Task 2) *Tuolumne River Mining Reach Restoration Project No. 2 - MJ Ruddy Segment:* A modification (incorporating \$3,235,000 of CALFED appropriated funds) into an existing USFWS-AFRP FY 1999 contract between Turlock Irrigation District (TID) and the USFWS-Anadromous Fish Restoration Program (AFRP) has been completed. The USFWS is in the final processing stage of modifying the agreement to include an additional \$1,182,484 which should be completed and obligated by the end of the third quarter for FY 2000.

Physical 0% Complete

Monitoring: 100% Complete

Comments: (Task 1): Pending completion of the contract with the USFWS-AFRP, the Districts have provided the monitoring portion of the funds. The monitoring costs were under the budget estimate by about \$6,600. This is less than anticipated in the 1st Quarter report because of the cost to prepare the actual summary report. This cost savings will be used in the actual repair of the breach.. However, it is anticipated that this cost savings can be used on developing access to the actual dike breach repair site. (Task 2) Upcoming activity for this project includes initiate restoration design and floodplain mapping in May 2000, start environmental permitting in July 2000, right of way and easement appraisal initiated in October 2000.

QUARTERLY PROGRAMMATIC REPORT

Program Manager	<u>John Thompson, USFWS</u>	Phone <u>916-414-6713/10</u>
Project Manager	<u>Valerie Calegari</u>	Phone <u>916-683-1703</u>
Agency/Non-Profit:	<u>The Nature Conservancy</u>	
CALFED Directed Action	<u>FWS 114200J039</u>	
Quarter Ending	<u>June 30, 2000</u>	

McCormack-Williamson Tract Wildlife-Friendly Management Project

Overview of Tasks and Status

Task 1

Startup Stewardship

- Manage in environmentally-compatible agriculture
- Cooperate with agencies in Design,
- Development,
- Permitting, and
- Implementation of a long-term restoration plan

Status

The lessee, C&F Farms, is continuing to farm the property under a lease that expires in November 2000. Reclamation District 2110, which includes the MW Tract exclusively, has seen the turnover of two of its board members. Mike Eaton of The Nature Conservancy (TNC) has replaced Tom McCormack, Valerie Calegari of TNC has replaced Gordon Barnes, and Bud Fonseca of C & F Farms has retained his seat and is the President of the District. The Reclamation District is responsible for decisions regarding levee maintenance, and has agreed to carry out the tasks listed under number 2 below. The property is planted in row crops.

TNC has been coordinating with CALFED, DWR and UC Davis in working through the preliminary issues that precede working on the long-term restoration plan. During this past quarter, TNC has participated in CALFED's North Delta Improvements Group. This stakeholder group meets monthly to discuss progress of CALFED's restoration projects within the North Delta (McCormack-Williamson Tract and Georgiana Slough) as well as to hear input from stakeholders regarding the impact of these projects. A major focus of this group has been to determine feasible solutions to the flooding problems experienced both upstream of the MW Tract, in the Franklin Pond area, as well as downstream, on Staten and Tyler Islands and elsewhere.

While the McCormack Williamson Tract has been characterized as "the plug in the

bottle” in terms of North Delta flooding, we know from studies conducted in the area that restoring the island to tidal influence-CALFED’s long-term vision for the MW Tract- while providing plentiful habitat benefits, will not in and of itself solve the region’s flooding problem. Discussions within this group have focussed on potential activities that will solve the regions flooding issues, building on the MW restoration and including dredging of the Mokelumne River, constructing a bypass on Staten Island, and developing levee setbacks in a number of alternative sites.

Task 2

Wildlife-friendly Levee Project

- Implement an experimental, wildlife-friendly levee project that achieves the following:
 - ❖ Refined design and engineering
 - ❖ Implementation of field tests at several locations
 - ❖ Determining actual costs
 - ❖ Conduct trials of alternative planting strategies
 - ❖ Refine costs
 - ❖ Complete needed levee repairs

Status

The Board of Reclamation District 2110, made up of two TNC employees and the tenant farmer, has met regularly to discuss levee improvements. In coordination with DWR and CDFG, the Board of RD 2110 has been designing a wildlife-friendly levee improvement program for FY01 that addresses immediate and long-term threats to levee stability. Waterside slopes that pose an immediate threat to levee integrity will be filled with rock and interspersed with vegetation known to withstand wave impacts, while the interiors of the levees, at selected sites, will be supported with a more gentle, 5:1 slope, planted with low vegetation for stabilization, and protected from internal wave wash by a stand of trees.

Gilbert Cosio of Murray, Burns, and Kienlan, the District’s engineer, has been advising the RD on levee improvements and is in the process of surveying the entire crown of the levee to determine where low spots are so that they can be filled, thus reducing opportunities for levee failure when the island is flooded. Additional surveys are being conducted that will provide cost estimates for the backslope work described above. Preliminary findings suggest that there is enough material on-site to built 5,000 feet of backslope levees at a 5:1 slope. The sites for this backslope work are being chosen based on vulnerability of sites to catastrophic breaches and will be designed to test effectiveness on a variety of soil types.

The MW Tract levees, especially those on the Mokelumne River, support a well-developed riparian forest strip. Unfortunately, in a number of spots invasive trees have taken hold and are forming pure stands that outcompete the native trees for space, water, and light. Invasive trees of concern include black locust (*Robinia pseudoacacia*), tree-of-heaven (*Ailanthus altissima*) and black fig (*Ficus carica*). Because we will be creating more habitat on the backslope levees, TNC believes it is critical to eliminate the existing exotic trees that would very likely colonize new areas. TNC is working with CDFG and DWR to fund the tree removal project with special projects funds.

Task 3

Coordination and Outreach

- Establish formal coordination committee
- Formal outreach to public and private stakeholders
- Informal outreach to public and private stakeholders

Status

TNC staff has been meeting with private stakeholders, explaining to them the long- and short-term plans for the MW Tract. Staff has also spoken at Delta Protection Commission meetings. Informal meetings between UC Davis researchers, the tenant farmer, TNC staff, and DWR staff, are on-going. A sub-group from CALFED's North Delta Improvements Group made a field visit by boat to the MW Tract this spring and was hosted by TNC and UC Davis.

TNC has met regularly with representatives of KCRA, the tenants holding the long-term lease on the television antennae on the MW Tract, keeping them up-to-date on plans for the site and the larger issues being addressed by the North Delta Improvements Group.

Title McCormack-Williamson Wildlife Friendly Management

Budget year: 30-Sep-00

CALFED Award #: The Nature Conservancy
USFWS 114200J039

Statement Quarter: 30-Jun-00

Total Award Amount \$680,237

Total Project Estimated Completion Date: 3 years

		PHASE I (Quarterly Budget)				PHASE I (FY '00 Budget)				PHASE I (Three Year Budget)			
		Budget	Accrued Expenditures	Variance	**	Budget	Accrued Expenditures	Remaining Balance	**	Budget	Accrued Expenditures	Balance to Complete	**
Task 1:	Startup Stewardship	\$ 6,000	\$ 5,738	\$ 262		\$ 10,000	\$ 5,738	\$ 4,262		\$ 224,027	\$ 5,738	\$ 218,289	
Task 3:	Wildlife Friendly Levee Project	\$ 6,000	\$ 5,875	\$ 125		\$ 10,000	\$ 5,875	\$ 4,125		\$ 442,992	\$ 5,875	\$ 437,117	
Task 4:	Coordination and Outreach	\$ 12,000	\$ 11,746	\$ 254		\$ 12,000	\$ 11,746	\$ 254		\$ 13,218	\$ 11,746	\$ 1,472	
Phase I Total:		\$ 24,000	\$ 23,359	\$ 641		\$ 32,000	\$ 23,359	\$ 8,641		\$ 680,237	\$ 23,359	\$ 656,878	

**** Explanation of Report:**

Costs reported for the quarter ended 6/30/00 include all costs incurred since the project start date of 9/30/99.

(This the first report filed as award was executed 6/1/00)

**CALIFORNIA BAY DELTA
ENVIRONMENTAL ENHANCEMENT ACT**

INDIVIDUAL PROJECT PROGRESS REPORT

As of: June 30, 2000

Agency: **U. S. Fish and Wildlife Service**

Proposal/Description: **Nonnative Invasive Species Program**

Funds Provided: **\$1,250,000** **100%** of the Total Funds Provided

Funds Obligated: **\$1,250,000** **100%** of the Total Funds Provided

Funds Expended: **\$192,370.52**

Labor: **\$95,148.14**

Contracts (AE): **\$884,012.00***

Contracts (Const): **\$0**

Overhead: **\$12,300 (one time RO charge)**

Other: **\$7596.80**

Physical progress during the quarter/Accomplishments: **Agreements for FY99 directed projects (\$884,012.00) effectively completed except for Restoration Guidebook, which is under development. Agreement modification in process for management of FY00 projects. Cooperators developing draft Scopes of Services. Issue paper first draft approx. 50% complete for species sections. Compilation of available fact sheets/brochures of NIS underway to develop an NIS Outreach Folder for distribution to CALFED members and stakeholders. Continue to provide assistance with development of FY 2001 processes, priorities and projects. Coordination continues for many high priority issues including Chinese mitten crab, ballast water, Caulerpa, Spartina, Purple Loosestrife, Giant salvinia, and other NIS issues.**

Comments: ***Agreements status: Obligations: Purple Loosestrife Project \$201,306**

Asian Clam Project \$100,490

Education/Outreach Project \$105,466

Spartina Project \$250,000

Nonnative Invasive Species Advisory Council Project \$50,000

Zebra mussel Project \$100,000 (sent to cooperator for final signature 1st week of July)

Restoration Guidebook Project \$76,750 (Cooperator developing budget for Scope of Services)

Cooperators developing draft Scopes of Services for 2 ballast water projects and 1 Arundo donax project from FY00 process. Agreement modification in process for FWS project management.

Attachment B

Non-native Invasive Species Program
 Applicant: U.S. Fish and Wildlife Service
 CALFED Project Number:
 USBR Contract: #1425-98-AA-20-16840

Budget year 2000
 Statement 3

Total Estimated Cost of Program:

Program schedule 2 years

Total Project Estimated Completion Date:		PHASE II Quarterly Budget		PHASE I&II FY 00 Budget	
* Phase I: Planning 6 mos. Phase II: Implement 18 mos.		Accrued Expenditure		Accrued Remaining Expenditure Balance	
		Budget	Variance **	Budget	
Phase I Total:					
Phase II:					
Task 6:	Implement Complete directed projects package				
Task 7:	Submit directed projects to CALFED				
Task 8:	Provide tech review for PSP projects				2
Task 9:	Planning f Coordinate with ballast water activities				
Task10	Coordinate with agencies on mitten crab		76%		
Task11	Provide proposal review-Sea Grant				
Task12	Coordinate with Western Regional Panel		100%		
Task13	Implement Projects (FY 99)				
13a	Complete project files				
13b	Develop Scopes of Services				
13c	Develop Contracts				
13d	Administer Contracts				
Task14	Outside Review for Draft Plans				
Task15	Issue Paper Coordination				
Task16	Giant salvinia Coordination				
Task17	Work Team Coordination				
Task18	ASET Participation				
Task19	Chicago conference and paper				
Task20	Implement Projects (FY00)				
20a	Complete project files				
20b	Develop Scope of Services				
20c	Develop contracts				
20d	Administer contracts				
Task21	Issue Paper Development				
Task22	Coordination - species and pathways				
Phase II Total:					

* Please note that the Regional Overhead charge for this program is a total of \$12,300. This charge has been allocated to the tasks over the 8 quarters.

** Explain Explanation of Variance:

The original technical review team was disqualified on the advice of CALFED legal staff due to conflict of interest concerns. A second technical review team was formed and completed another review, causing this task to go over budget.

**CALIFORNIA BAY DELTA
ENVIRONMENTAL ENHANCEMENT ACT**

INDIVIDUAL PROJECT PROGRESS REPORT

As of: June 30, 2000

Agency: **U. S. Fish and Wildlife Service**

Proposal/Description: **Nonnative Invasive Species Advisory Council**

Funds Provided: **\$50,000** **100%** of the Total Funds Provided

Funds Obligated: **\$50,000** **100%** of the Total Funds Provided

Funds Expended: **\$500.00**

Labor:

Contracts (AE):

Contracts (Const):

Overhead:

Other: **\$500.00**

Physical progress during the quarter/Accomplishments: **Draft Memorandum of Understanding developed, based on other similar MOUs. Draft distributed to agency representatives for review and comment. Some review and revision has occurred but pressing NIS issues (salvinia and caulerpa) continue to interfere with agency representatives time and availability. Available NIS fact sheets/brochures have been compiled for development of a NIS Outreach Folder for distribution to CALFED members and stakeholders.**

Comments:

**CALIFORNIA BAY DELTA
ENVIRONMENTAL ENHANCEMENT ACT**

INDIVIDUAL PROJECT PROGRESS REPORT

As of: **June 30, 2000**

Agency: **U. C. Davis**

Proposal/Description: **Reducing the Risk of Importation and Distribution of Nonindigenous Species Through Outreach and Education**

Funds Provided: **\$105,466.00** **100 %** of the Total Funds Provided

Funds Obligated: **\$105,466.00** **100 %** of the Total Funds Provided

Funds Expended: **0**

Labor: _____

Contracts (AE): _____

Contracts (Const): _____

Overhead: _____

Other: _____

Physical progress during the quarter/Accomplishments: **Agreement finalized in May. No progress made to date as attempts to fill the outreach coordinator position have been unsuccessful so far. Position has just recently been re-advertised.**

Physical 0 % Complete

Comments: _____

CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT

INDIVIDUAL PROJECT PROGRESS REPORT

As of: **July 1st, 2000**

Agency: **California Dept. of Food and Agriculture**

Contact: **Carri Benefield, 916.654.0768, cbenefield@cdfa.ca.gov**

Proposal/Description: **#99-F08, Purple Loosestrife Prevention, Detection, and Control Actions for the Sacramento-San Joaquin River Delta System and Associated Hydrological Units**

Funds Provided: **\$201,306.00** **43 % of the Total Funds Provided**

Funds Obligated: **\$ 201,306.00** **43 % of the Total Funds Provided**

Funds Expended: **\$86,994.34**

Labor: **\$ 48,871.86**

Contracts (AE): **\$ 6,107.70**

Contracts (Const): **\$ 0.00**

Overhead: **\$ 8,714.78**

Materials and Acquisition Costs: **\$ 9,300.00**

Miscellaneous and other Direct Costs: **\$ 14,000.00**

Physical progress during the quarter/Accomplishments:

Task 1- Educational Brochure

A professional and colorful brochure was designed to highlight the impacts, prevention, control, and spread of purple loosestrife in California. The brochure was designed in Adobe PageMaker and then contracted out for final printing. The brochure is being distributed to educate agency personnel, private citizens, and recreational users. Brochures are being widely distributed via presentations and training sessions and through display at Agricultural Commissioner's Offices, Agency offices, RCD offices, nurseries, and U.C. Extension Offices, amongst others.

* Copy of the final Educational Brochure

Task 2- Educational outreach

Educational outreach continues to encompass educational talks and poster presentations to a variety of audiences. In addition several new educational materials have been developed. (1) Purple Loosestrife Website (www.cdfa.ca.gov/purpleloosestrife), (2) Purple Loosestrife stickers for field crews to put on field notebooks as a survey reminder and identification overview, (3) Purple Loosestrife mailer, informational flier that can be included in local/regional energy and water bills.

* Copy of website

* Copy of stickers

* Copy of mailer

To date, thirty presentations have been given at the following meetings/conferences/events, five talks this quarter:
Fresno County Ag Department

Attachment 1

California Fish and Game, Delta crew
Department of Water Resources White Slough managers
Kern County Ag Department
Kern County Audubon Preserve

* Copies of abstracts/announcements regarding the talks are submitted (where were available, many informal without abstract/announcement) with this July, 2000 report.

Task 3- Training of professionals

Training of professionals has and will continue to entail a focused education/training with professionals working in throughout the watershed. Training activities include: slide presentation, hands on demonstrations/examples of flora, and field demonstrations/site visits.

The following groups were trained this quarter:

Fresno County Ag Department
California Fish and Game, Delta crew
Department of Water Resources White Slough managers
Kern County Audubon Preserve
Training sessions will continue through the summer and into the fall

* Training announcements are included with this report

Task 5- Map Existing Infestation Sites

Infestations in Fresno, Kern, Yuba/Sutter, and San Joaquin Counties were mapped using a GeoExplorer GPS unit. As stated in task orders, complete maps will be included in quarterly reports to follow (January 2001).

Task 6- Delta-wide Loosestrife Survey

Northern Delta, Bear River Drainage: The first week in June was spent surveying the Northern Delta (Bear River Drainage) for purple loosestrife. No infestations were found. We cooperated with the County and CDFA District Biologists. . Maps will be included with future quarterly reports.

Northern Delta, White Slough: The third week in June was spent conducting survey and delimitation in White Slough in the Northern Delta. We determined the boundaries of the infestation. We cooperated with Fish and Game, Dept. of Water Resources, and local growers bordering the slough. Maps will be included with future quarterly reports.

Task 7- Contiguous Basin Survey

Areas surveyed to date:

Fresno: June 12-14th were spent in *Fresno County* conducting truck and foot surveys in and around Fresno and Sanger. The source of the infestation was determined and the extend of the infestation was assessed. The County will conduct follow-up surveys in July along the Kings River. We cooperated with the County Ag Dept., CDFA district Biologists, and private landowners in the area. A Map will be included with future quarterly reports.

Kern: two days were spent in Kern County assessing a population near Lake Isabella, in Onyx. We meet with both County Ag Dept. biologists and the Kern River Audubon Preserve Manager. Samples and GPS data were taken. Maps will be included with future quarterly reports.

Sutter/Yuba Counties: The week of June 26th was spent conducting surveys along the Feather River, which is split between Sutter and Yuba Counties. Populations were mapped/assessed and treated by the County. We cooperated with the County Ag Dept. and CDFA District Biologists. Maps will be included with future quarterly reports.

Physical 43% complete

***Comments:** none.

**CALIFORNIA BAY DELTA ENVIRONMENTAL ENHANCEMENT ACT
USBR INDIVIDUAL PROJECT PROGRESS REPORT**

As of: June 30, 2000

Contract Number: 11332-0-J001

Agency: Coastal Conservancy

Proposal/Description: The Introduced Spartina Eradication Project (ISEP) is a regionally coordinated program with the primary objective of eradicating introduced Spartina species from the wetlands and intertidal mud flats of the San Francisco Bay Estuary. The project is funded by the Calfed Ecosystem Restoration Program and administered by the California State Coastal Conservancy

Funds Provided: \$250,000 100 % of the Total Funds Provided

Funds Obligated: \$250,000 _____ 100 % of the Total Funds Provided

Funds Expended: *\$9,740

Labor: \$7,550_____

Contracts (AE): ** _____

Contracts (Const): _0_____

Overhead: \$2,190_____

Other: _0_____

*The funds expended are for Project Administration.

**Three subcontracts have been entered into and funds obligated as follows:

- San Francisco Estuary Institute for \$49,100. CALFED's portion of that contract is \$29,000;
- Project Coordinator for \$80,217. CALFED's portion of that contract is \$3,250; and
- Field Coordinator for \$52,683. CALFED's portion of that contract is \$4,000.

**Two interagency agreements are still under negotiation as follows:

- UC Davis for \$32,000. CALFED's portion of that agreement is \$29,000; and
- USDA for \$25,000. CALFED's portion of that agreement is \$22,750.

See attached narrative for accomplishments to date.

See spread sheet form for physical % complete for individual tasks and subtasks.

**CALFED Quarterly Report
April - June 2000
Introduced Spartina Eradication Project**

Project Title:	Introduced Spartina Eradication Project									Budget year:2000	
Applicant:	USFWS									Statement Quarter: April -June 00	
Project Number:	11332-0-J001										
Total Estimated Cost of Project:	\$860,000									REPORT DATE: July 05,2000	
Project Schedule:	Feb 28,2000 - February 28, 2001										
Total Project				PHASE I			PHASE 1			PHASE I	
Estimated Completion Date:	February 28, 2001			(Quarterly Budget)			(Combined Quarterly Budget)			FY 2000-Mar.'01	
				Apr - Jun '00			Jan-Jun '00				
				Budget	Accrued	Variance	Budget	Accrued	Balance	Accrued	Remaining
				Expenditures			Expenditures			Expenditures	Balance
TASK I	Project Administration										
Schedule:	Nov 99-Feb 01										
Percent Work Complete for Task 1:	82%		5387	9740	4353	10774	9740	1034	21550	\$9,740	11810
TASK 2	Project Management		0	0	0				0	0	0
Schedule	Oct.99-Dec.00										
Percent Work Complete for Task 2:											
2.1	Establish regionally coordinated structure	42%	0	0	0				0	0	0
2.2	Identify, notify, assist landowners	25%	0	0	0				0	0	0
2.3	ISEP Management & Impl. Report	7%	0	0	0				0	0	0
2.4	Identify operations needs	20%	0	0	0				0	0	0
2.5	Survey North Bay for outlying populations		0	0	0				0	0	0
2.6	Annual ISEP Status Report	5%	0	0	0				0	0	0
2.7	Develop Rapid Response Protocol/team	5%	0	0	0				0	0	0
2.8	Convene Advisory Panel		0	0	0				0	0	0
2.9	Assist landowners with control operat.	10%	0	0	0				0	0	0
TASK 3	Operations								120450	0	120,450
Schedule	Feb 00 -Feb 01										
Percent Work Complete for Task 3:											
3.2	Equip. Specs.			0			0		1000	0	1000
3.3	Purchase Equip.			0			0		10450	0	10450
3.4	Control N. Bay Populations			0			0		30000	0	30000
3.5	Control Target Populations			0			0		71000	0	71000
3.6	Equip. Rental			0			0		4000	0	4000
3.7	Equip. Maintenance			0			0		0	0	0
3.1	Genetic Testing	50%		0		4000	0	4000	4000	0	4000

**CALFED Quarterly Report
April - June 2000
Introduced Spartina Eradication Project**

Project Title:	Introduced Spartina Eradication Project										Budget year:2000	
Applicant:	USFWS										Statement Quarter: Jan -Mar 00	
Project Number:	11332-0-J001											
Total Estimated Cost of Project:	\$860,000										REPORT DATE: April 05,2000	
Project Schedule:	February 28, 2000- February 28, 2001											
				Phase I			Phase I			Phase I		
				(Quarterly Budget)			(Combined Quarterly Budget)			FY 2000		
TASK 4	Public Outreach			Apr-Jun '00			Jan-Jun '00					
Schedule	Feb 00- Dec 01				Accrued			Accrued			Accrued	Remaining
Percent work completed for Task 4:				Budget	Expenditures	Variance	Budget	Expenditures	Balance	Budget	Expenditures	Balance
	Public Outreach Totals			\$7,000		\$7,000	\$7,000		7,000	\$14,250	\$0	\$14,250
	4.1 Outreach Plan	5%			0			0		1500	\$0	1500
	4.2 Initial Web Site Development				0			0		8000	\$0	8000
	4.3 Spartina Alert				0			0		500	\$0	500
	4.4 Slide Presentation	25%			0			0		250	\$0	250
	4.5 Brochures	75%			0			0		4000	\$0	4000
TASK 5	Environmental Compliance											25000
Schedule	Jan. '00-June '01											
Percent work completed for Task 5:												
	5.1 Permits and Reg. Requirements Report	100%		0	0	0	0	0	0	0	0	0
	5.2 California Clapper Rail Surveys	5%		0	0	0	0	0	0	0	0	0
	5.3 Programmatic EIR/EIS				0			0		25000	\$0	25000
TASK 6												
Schedule	Mapping/Monitoring			7000	0	7000	9000	0	9000	21000	\$0	21000
Percent work com	Jan.00-Mar.01											
	6.1 Map target populations	15%			0	0		0	0	3,000	0	3000
	6.2 ISEP Monitoring Protocol				0	0		0	0	8,000	0	8000
	6.3 Phase 1 aerial photography	5%			0	0		0	0	10000	0	10000
TASK 7												
Schedule	Research			8716	0	8716	25766	0	25766	47750		47750
	Jan.00-Mar.01											
Percent work completed for Task 7:												
	7.1 Hybrid Research	60%			0			0		25000	0	25000
	7.2 Control Efficacy				0			0		22750	0	22750
TOTAL BUDGET										250000	0	250000